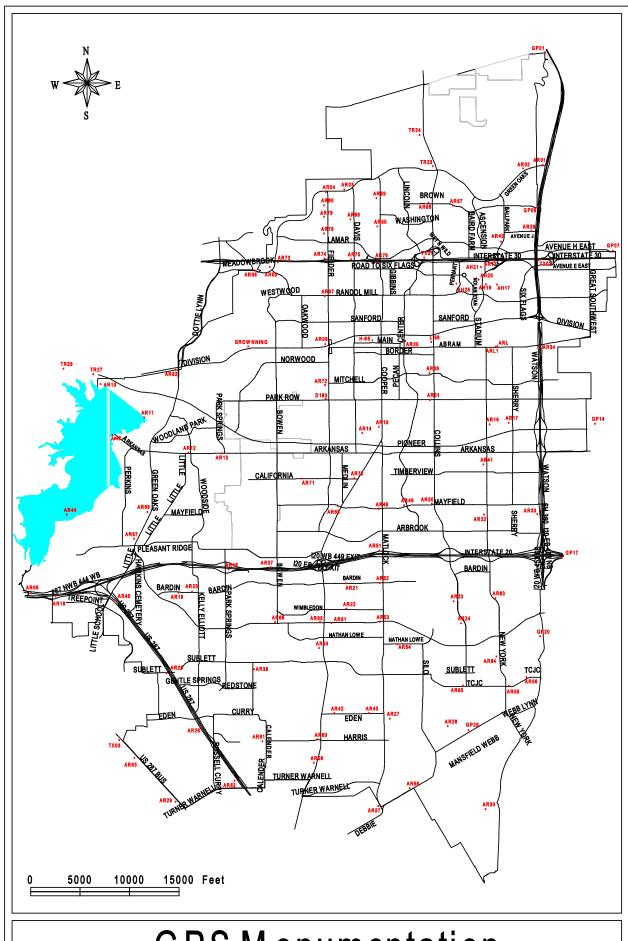




City of Arlington GPS Network Control Manual

Version 1.0

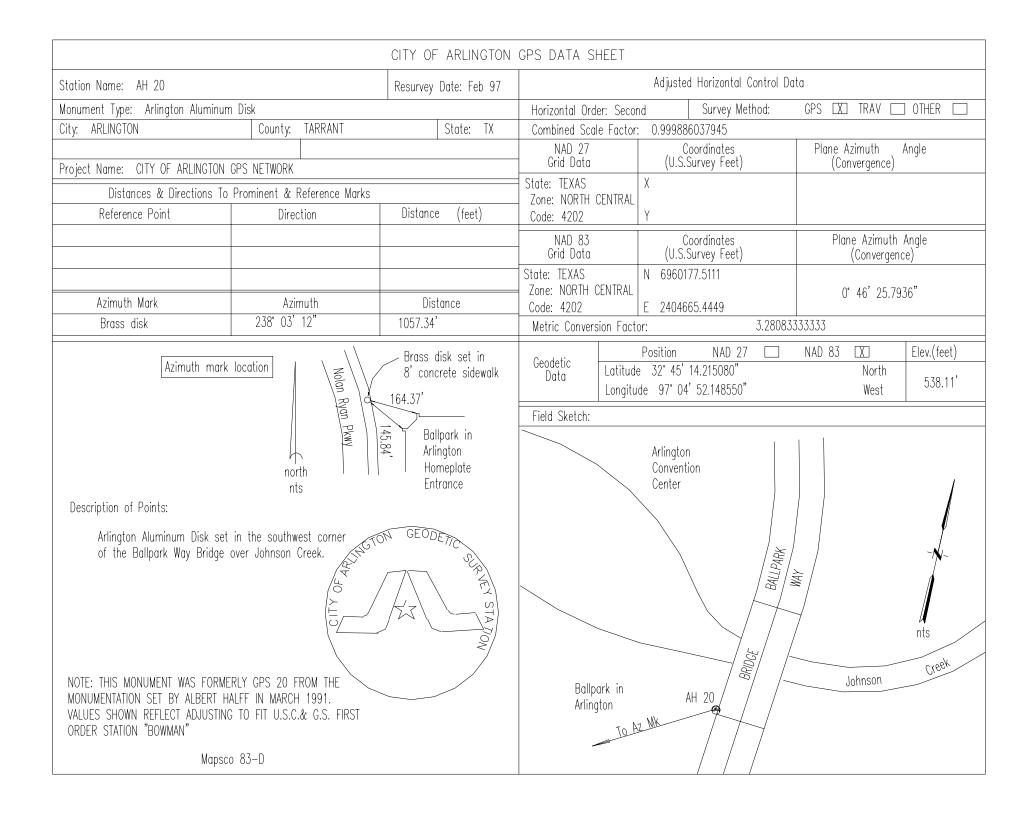




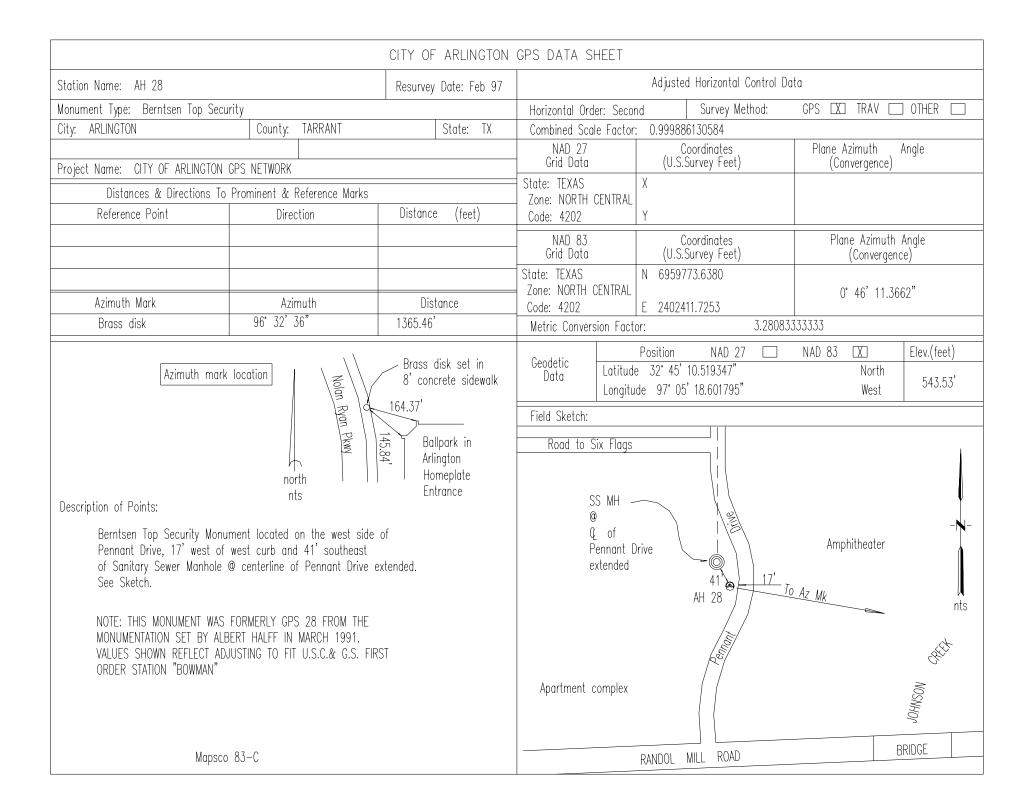
GPS Monumentation

	CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AH 17			Resurvey Date: Feb 97		Adjusted Horizontal Control Data			
Monument Type: 3 1/2" Aluminum	disk		· · · · · · · · · · · · · · · · · · ·	Horizontal Order: Second Survey Method: GPS 🛛 TRAV				
City: ARLINGTON	County:	TARRANT	State: TX	Combined Scale Factor				
				NAD 27	Coordinates Plane Azimuth Angle			
Project Name: CITY OF ARLINGTON	GPS NETWORK			Grid Data	(U.S.Survey Feet) (Convergence)			
Distances & Directions To	Prominent & f	Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X			
Reference Point	Direc	ction	Distance (feet)	Code: 4202	Υ			
				NAD 83 Grid Data	Coordinates Plane Azimuth Angle (U.S.Survey Feet) (Convergence)			
				State: TEXAS	N 6959699.4070			
Azimuth Mark		nuth	Distance	Zone: NORTH CENTRAL Code: 4202	0° 46' 37.6254"			
AH 19	270° 54'	29"	1123.31	Metric Conversion Fact				
				Geodetic Data Position NAD 27 NAD 83 X EI Latitude 32* 45' 09.235460" North Longitude 97* 04' 30.454688" West				
Description of Points:				Field Sketch:				
Description of Points: ARLINGTON ALUMINUM DISK SET IN TRAFFIC SIGNAL CONTROL BOX AT THE NORTHWEST CORNER OF ROAD TO SIX FLAGS AND MAGIC MILE. NOTE: THIS MONUMENT WAS FORMERLY GPS 17 FROM THE			GEODE TIC SERVEY STA	SHAME OF ELLY	AH 17			
MONUMENTATION SET BY ALBERT HALL VALUES SHOWN REFLECT ADJUSTING					ROAD TO SIX FLAGS			
ORDER STATION "BOWMAN"	:0 83-D	0.0. 111.01			MOCOMIE			
WIAI 30	.00 0							

	CITY OF ARLINGTON GPS DATA SHEET								
Station Name: AH 19		Resurvey Date: Feb 97		Adjust	ed Horizontal Control Do	ata			
Monument Type: Berntsen Top Secu	ırity		Horizontal Order: Se	cond	Survey Method:	GPS 🗓 TRAV 🗆	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fac	Combined Scale Factor:					
		,	NAD 27 Grid Data	(11.5	Coordinates S.Survey Feet)	Plane Azimuth (Convergence)	Angle		
Project Name: CITY OF ARLINGTON			State: TEXAS	χ (σ.σ		(Convergence)			
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH CENTR	I					
Reference Point	Direction	Distance (feet)	Code: 4202	Υ					
			NAD 83 Grid Data	(U.S	Coordinates S.Survey Feet)	Plane Azimuth (Convergen			
			State: TEXAS	N 6959	717.2111				
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTR Code: 4202	AL E 2405	401.4478	0° 46′ 30.45	42"		
AH 17	90° 54' 29"	1123.31'	Metric Conversion F		3.28083	333333			
			Lone		NAD 27	NAD 83 X North West	Elev.(feet) 542.67'		
Description of Points:			Field Sketch:						
Berntsen Top Security Monume of Road to Six Flags, 1150' v Magic Mile. Monument is 50' and 12 west of west edge of for Six Flags Over Texas.	west of the centerline of north of north curb) (ô.	BRANCH				
NOTE: THIS MONUMENT WAS FO MONUMENTATION SET BY ALBEF VALUES SHOWN REFLECT ADJUS ORDER STATION "BOWMAN"			AH 19	SHIP OF	ROAD TO SIX FI		NTS		
						MAGIC MIL			



		CITY OF ARLINGTON	GPS DATA SHEET						
Station Name: AH 21		Resurvey Date: Feb 97		Adjusted Horizontal Control Do	ta				
Monument Type: Arlington Aluminu	m Disk		Horizontal Order: Second Survey Method: GPS 🕮 TRAV 🗀 OTH						
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999885721407						
,			NAD 27	Coordinates	Plane Azimuth Angle				
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
Distances & Directions To	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X					
Reference Point	Direction	ection Distance (feet)		Υ					
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A (Convergence				
			State: TEXAS	N 6961466.6152	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/			
Azirouth Marle	A = : # l-	Distance	Zone: NORTH CENTRAL		0° 46' 27.338	8"			
	Azimuth Mark Azimuth Distance AH 19 163° 42' 09" 1822.64'		Code: 4202	E 2404889.9697					
AII 13	103 42 03	1022.04	Metric Conversion Fact						
			Geodetic	Position NAD 27	NAD 83 🗓	Elev.(feet)			
			Data Lanua	e 32° 45' 26.940176"	North	541.05			
			Longitu	de 97° 04' 49.315510"	West	011100			
Description of Points:			Field Sketch:						
Arlington Aluminum Disk set in North of north entrance to Mar Convention Center Dr. and sout Texas Rangers.	riott Hotel and west of	ON GEODETIC		Asphalt Parking for Texas Rangers AH 21 (a) entrance to Marriott		-N-			
Convention Center Dr. and south of asphalt parking for Texas Rangers.			Marriott Hote			nts			
NOTE: THIS MONUMENT WAS FOI MONUMENTATION SET BY ALBERT VALUES SHOWN REFLECT ADJUS' ORDER STATION "BOWMAN"	F HALFF IN MARCH 1991.			Balbark					



		CONTRO	DL DATA					
Station Name: AR01		Date: September, 1992			Adjuste	ed Horizontal Control	I Data	
Monument Type: ARLINGTON ALI	UMINUM DISK		Order: FIRST			Survey Method:	GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	e Factor:	: 0	.999857373		
Surveyor: E. SEATON	1 1	ERIAL DATA SERVICE	NAD 27		(11.0	Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data			.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: Zone:		Χ			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data			Coordinates Survey Feet)	Plane Azimuth (Converge	Angle
			State: TEXAS		N 697176		(**************************************	<u></u>
Azimuth Mark	Azimuth	 Distance	Zone: NORTH Cl Code: 4202	ENTRAL	E 241110		0°47'07	.9351"
AR02	259° 33′ 11″	1985.78	Metric Conversi	on Facto			 083333333	
					Position	NAD 27	NAD 83 [X]	Elev.(feet)
			Geodetic Data	Latitude		2°47'07.963571"	North	, ,
			Data	Longitu	de 9	7°03'34.880626"	West	543.31
Description of Points: Aluminun	n disk located in ab	outment at the	Field Sketch:					
northwest corner of t								
) de					
	GEODETIC					36		
A A			mt			(r)		
OTY OF ARE	THE STATE OF		Frontage					- \ \ \
(<u>L</u>				<u></u>				
			pun		7		. 7	
				(rre	en oa	uks NE	nts
			90,					
			th					
			Southbo			\supset		
Ma	psco 70-K		∇			wy.		
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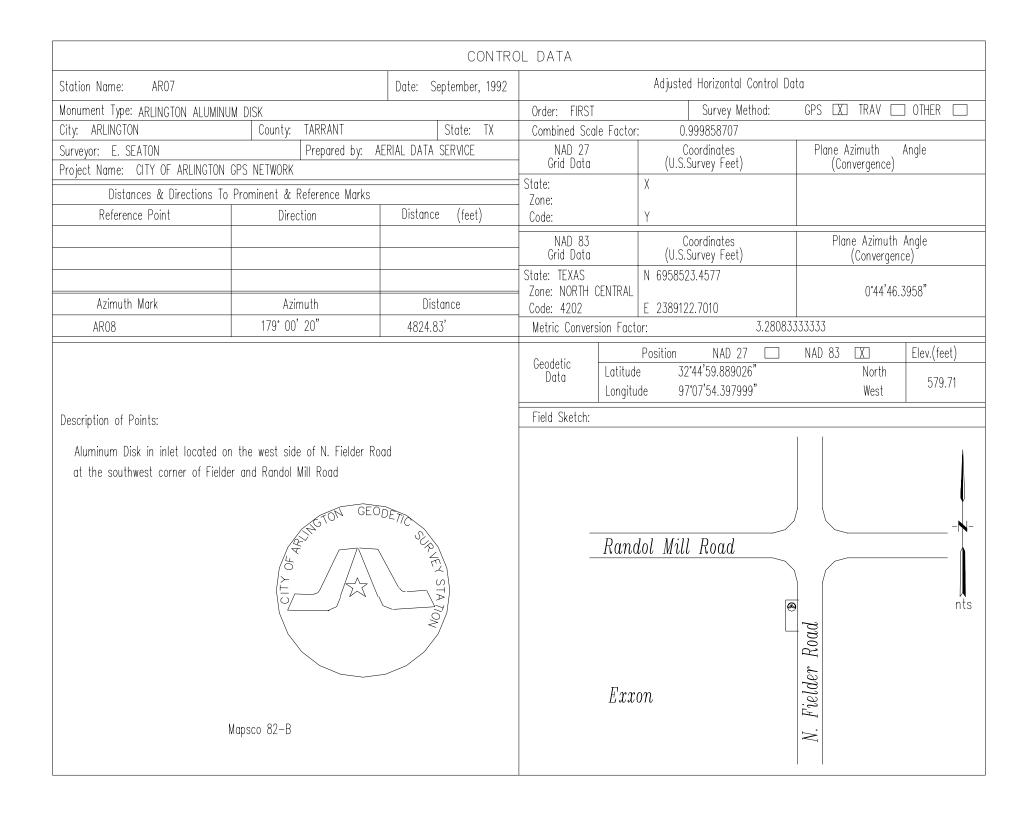
		CONTRO	DL DATA				
Station Name: AR02		Date: September, 1992			Adjusted Horizontal Control Do	ata	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST		Survey Method:	GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.999859360		
Surveyor: E. SEATON		RIAL DATA SERVICE	NAD 27		Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data State:		(U.S.Survey Feet) X	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone:	'	٨		
Reference Point	Direction	Distance (feet)	Code:	\	Υ		
			NAD 83 Grid Data		Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergen	
			State: TEXAS	1	N 6971401.1795	(containgum	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CE Code: 4202	NTRAL	E 2409152.5753	0°46'55.	4279"
AR01	79° 33′ 11″	1985.78'	Metric Conversio			333333	
			Dutu	F Latitude Longitude	Position NAD 27 32°47'04.665206" 97'03'57.813135"	NAD 83 🔯 North West	Elev.(feet) 503.45
Description of Points:			Field Sketch:				
Top Security Monumer	nt located in TESCO	Right-of-way	ŀ	<u> </u>			
north side of Green ()aks Blvd + /-1900'	west			Ston	m Co	000
of the southbound se	,			\sim	$\beta \iota o p$	n Go	stu
or the southboard sel	TVICE TOUG OF THIGHWA	y 300			.a.		Forestwood
					0' to Highway 360	\longrightarrow	
					n Oaks Blvc		
				1661	t Oaks Dive		
Witnessed by sign po	st						Ct nts
							g g
				\supset			Ridge
	Mapsco 70-K		(\mathcal{L}			Holly
	1			1.F. S.C.O			
				'			

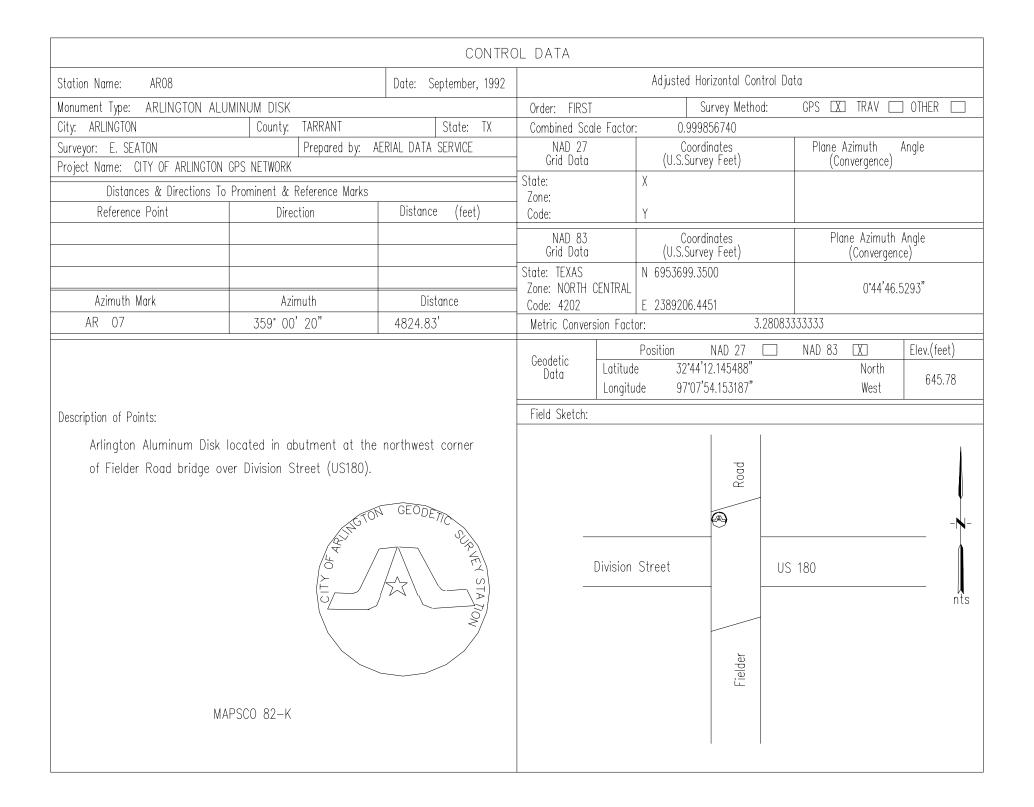
	CONTRO	DL DATA						
	Date: September, 1992			Adjuste	d Horizontal Control Do	ıta		
MINUM DISK		Order: FIRST Survey Method: GPS 🖾 TRAV 🗀 OTH					OTHER	
County: TARRANT	State: TX	Combined Scale Factor: 0.999860973						
	ERIAL DATA SERVICE	NAD 27 Grid Data		Coordinates		Plane Azimuth (Convergence)	Angle	
				, , ,		(convergence)		
Distances & Directions To Prominent & Reference Marks				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Reference Point Direction Distance (feet)		Code:		Υ				
		NAD 83 Grid Data		(U.S	Coordinates Survey Feet)	Plane Azimuth A	Angle	
				· '		Convergence	<u> </u>	
Azimuth	Diatanas	Zone: NORTH (CENTRAL			0°44'59.9	680"	
				E 2391106.9645				
202 00 10	1000.70	Metric Convers	sion Fact					
		Geodetic	111				Elev.(feet)	
		Data					477.83	
		5	Longitu	iue 3	7 07 23.312303	Mest		
		Field Sketch:						
57). And 450' west of the center			GRI	EEN	450' to centerline	BLVD	NW nts	
	Prepared by: Af GPS NETWORK Prominent & Reference Marks Direction Azimuth 262' 05' 15" d on the north side of Green Oak 57). And 450' west of the center	MINUM DISK County: TARRANT State: TX Prepared by: AERIAL DATA SERVICE CPS NETWORK Direction Distance (feet) Azimuth Distance 262' 05' 15" 1863.70 d on the north side of Green Oaks Blvd 57). And 450' west of the centerline	MINUM DISK County: TARRANT State: TX Combined Scate	Date: September, 1992	Date: September, 1992 Adjuste	Dote: September, 1992 Adjusted Horizontal Control Dote	Date: September, 1992 Adjusted Horizantal Control Data MINUM DISK	

		CONTRO	DL DATA					
Station Name: AR04		Date: September, 1992			Adjuste	ed Horizontal Control Do	nta	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST			Survey Method:	GPS 🗓 TRAV 🗆	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	e Factor	: 0	.999861121		
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27		(11.0)	Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data		<u> </u>	Survey Feet)	(Convergence)	
istances & Directions To	Prominent & Reference Marks		State: Zone:		X			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data		(U.S.	Coordinates Survey Feet)	Plane Azimuth (Convergen	
			State: TEXAS		N 69690	40.9810	, ,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH (Code: 4202	CENTRAL	E 23892	61.0039	0°44'48.	1544"
AR03	82° 05' 15"	1863.70'	Metric Convers	ion Fact		3.28083	333333	
					Position	NAD 27	NAD 83 [X]	Elev.(feet)
			Geodetic Data	Latitud		2°46'43.938004"	North	
			Bata	Longitu	ide 9	7°07'51.173585"	West	476.03
Description of Points:			Field Sketch:					
Top Security Monument located of Southeast corner of Green Oaks 124.9' east of east back of curb 77.9' south of south back of curb	Blvd. NW and N. Fielder Road of Fielder and		Gre	eer)aks B	Ivd N	
WITNESSED BY SIGN POST	Manson 68-P		Fielder	-		124.9' J.W.DUNLOF	ARO	nts
	Mapsco 68-P					SPORTS CC		

	CONTROL DATA								
Station Name: AR05		Date: September, 1992		Adjusted Horizontal Control D)ata				
Monument Type: ARLINGTON ALUMI	NUM DISK	1	Order: FIRST	Survey Method:	GPS 🛛 TRAV 🗌 OTHER 🔲				
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	Combined Scale Factor: 0.999862501					
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27	Coordinates	Plane Azimuth Angle				
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
Distances & Directions To	Prominent & Reference Marks		State: Zone:	X					
Reference Point	eference Point Direction Distance		Code:	Υ					
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)				
			State: TEXAS	N 6961482.7696	(
A	A	D' I	Zone: NORTH CENTRAL		0°44'11.3459"				
	Azimuth Mark Azimuth Distance		Code: 4202	E 2383596.1145					
AR06	255° 17' 40"	1543.79'	Metric Conversion Fact	tor: 3.2808	3333333				
			Geodetic Data Latituc Longitu		NAD 83 [X] Elev.(feet) North West 484.128				
Description of Points:			Field Sketch:						
between Randol Mill Road and Oc centerline of Oakwood Lane	ted on the west side of Green Oakwood Lane 300' south of the	aks SURVEY STA 700V	WLAGE	Oaks Blud	Nakwood Lane Wilma Lane andol Mill Road				

		CONTRO	DL DATA					
Station Name: AR06		Date: September, 1992			Adjust	ed Horizontal Control Da	ta	
Monument Type: ARLINGTON ALUMIN	LIM DISK		Order: FIRST			Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999862257					
Surveyor: E. SEATON	Prepared by: AEI	RIAL DATA SERVICE	NAD 27			Coordinates	Plane Azimuth . /	Angle
Project Name: CITY OF ARLINGTON (GPS NETWORK		Grid Data		<u> </u>	S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: Zone:		X			
Reference Point	Reference Point Direction Distance (feet)		Code:		Υ			
			NAD 83 Grid Data		(U.S	Coordinates S.Survey Feet)	Plane Azimuth (Convergenc	
			State: TEXAS		N 69610			/
Azimuth Mark	Azimuth	 Distance	Zone: NORTH	CENTRAL			0°44'01.7	773"
			Code: 4202	FI	E 23821	<u>02.8925</u> 3.28083.	77777	
AR05	75° 17' 40"	1543.79'	Metric Conver	sion Fact				
			Geodetic		Position	NAD 27	NAD 83 X	Elev.(feet)
			Data	Latitud		52°45'26.189831"	North	490.76
				Longitu	ide S	97°09'16.207687"	West	100.70
Description of Points:			Field Sketch:					
Aluminum Disk located in abutme	nt at the northwest corner of Gr	reen Oaks				٨		
bridge over Village Creek						,		
bridge over village oreat	050						7	
	EDDI	ETIC				Q	7	V
		SURVEYSTA						-N-
		<u>~</u>						
		S						—— (l
						Green Oaks B	lvd /	M nto
				/	/		$\sqrt{{To \ Randol \ I}}$	₩ill Road
						E,		
						5		
<u> </u>	Mapsco 67-Z					N. T.		
						MILAGE		
						7		





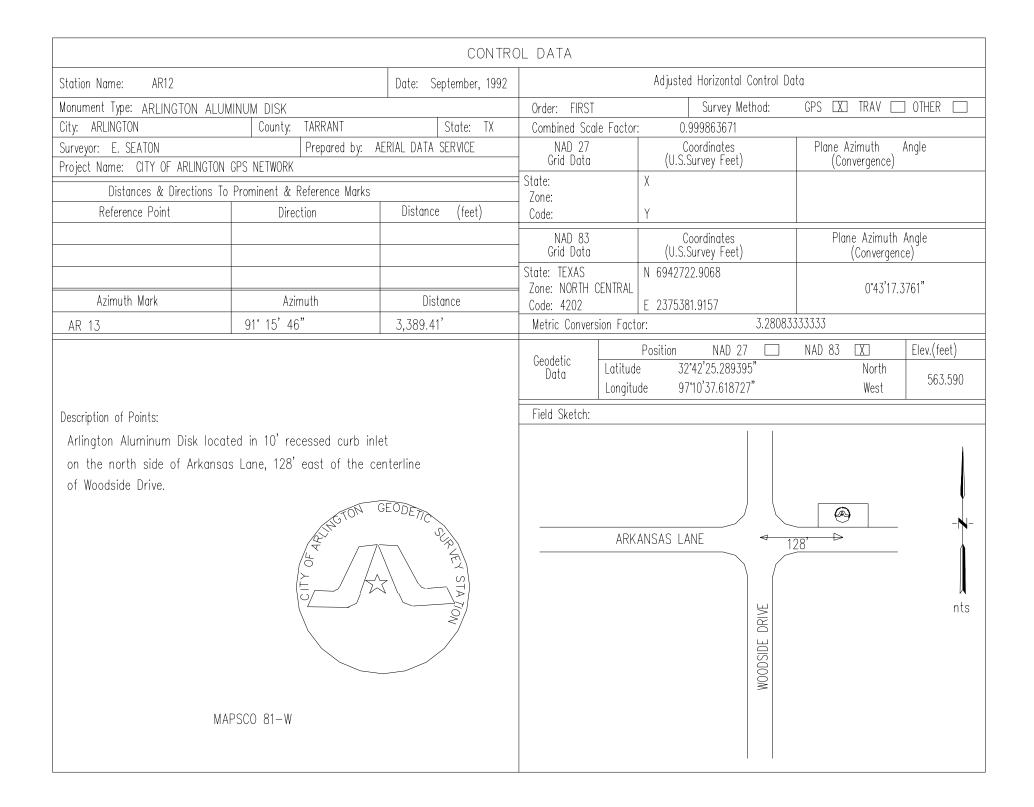
		CONTRO	DL DATA						
Station Name: AR09		Date: September, 1992		Adjuste	ed Horizontal Control Do	ıta			
Monument Type: ARLINGTON ALI	UMINUM DISK		Order: FIRST		Survey Method:	GPS 🖾 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999866836						
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27	(11.0	Coordinates	Plane Azimuth Angle			
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	· ·	.Survey Feet)	(Convergence)			
Distances & Directions To	o Prominent & Reference Marks		State: Zone:	X					
Reference Point	Direction	Distance (feet)	Code:	Υ					
			NAD 83 Grid Data		Coordinates .Survey Feet)	Plane Azimuth (Convergence			
			State: TEXAS	N 69285		, ,	/		
Azimuth Mark	Azimuth	 Distance	Zone: NORTH CENTRA			0°41'34.8	201"		
	97° 43' 15"	2520.18 ²	Code: 4202	E 23594					
AR 18	97 43 13	2020.10	Metric Conversion Fac		3.28083				
			Geodetic	Position	NAD 27	NAD 83 🗓	Elev.(feet)		
			Data Laille		2°40'07.316940"	North	585.20		
			Longi	tude 9	7°13'45.658917"	West			
Description of Points:			Field Sketch:		5				
Arlington Aluminum Disk k	ocated in abutment at the no	ortheast corner			.ingt		ı		
of westbound Interstate 20	0 bridge over Village Creek.				Arl				
					to Lake Arlington				
		050	par	apet wall –	- 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	IC TON	GEODETIC		7		407	-N-		
	A STACLOM		/	/ WEST	BOUND I-20 BRIDGE	· 10 /			
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			ΠX				
		T A T			CREEK				
		0/							
				EASTE	BOUND I-20 BRIDGE				
						/			
					(
MAPS	SCO 93-Q,R,U,V				WLLAGE				
					1IM				

		CONTRO	DL DATA					
Station Name: AR10		Date: September, 1992			Adjuste	d Horizontal Control Do	nta	
Monument Type: BERNTSEN TO	P SECURITY		Order: FIRST			Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999861237					
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27		Coordinates		Plane Azimuth Angle	
Project Name: CITY OF ARLINGTO	N GPS NETWORK		Grid Data		,	Survey Feet)	(Convergence)	
istances & Directions	To Prominent & Reference Marks		State: Zone:		Х			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83			Coordinates	Plane Azimuth	
			Grid Data		,	Survey Feet)	(Convergenc	e)
			State: TEXAS Zone: NORTH	^FNTR∆I	N 69496	36.8898	0°42'21.3	406"
Azimuth Mark	Azimuth	Distance	Code: 4202	OLIVITATE	E 23665	17.7932	0 12 21.0	100
AR 11	127° 08' 35"	5556.03'	Metric Convers	sion Fact	or:	3.28083	333333	
			0 111		Position	NAD 27	NAD 83 🗓	Elev.(feet)
			Geodetic Data	Latitud	e 32	2°43'34.793885"	North	
			5414	Longitu	de 9	7°12'20.361919"	West	573.17
Description of Points:			Field Sketch:					
Description of Points: Berntsen Top Security monument located at the west end of the Lake Arlington Dam. The monument can be reached from the intersection of Green Oaks Blvd. and Pioneer Pkwy. Go south on Green Oaks 0.8 miles to gate on right at Arlington Fire training center. Enter gate and follow winding road 0.4 miles, to beginning of dam. Then go west across dam to chain link fence and monument on right.			chain link fence	,7°P.	loke Al		Pioneer (303) Dam Other Pioneer (303) Other Pion	-N-
Witnessed by sign post.	Mapsco 80-P				LAKE AR			

		CONTRO	OL DATA					
Station Name: AR11		Date: September, 1992			Adjuste	d Horizontal Control Do	ata	
Monument Type: BERNTSEN TO	P SECURITY	·	Order: FIRST			Survey Method:	GPS [X] TRAV	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	le Factor:	0.	.999861503		
Surveyor: E. SEATON Project Name: CITY OF ARLINGTO		AERIAL DATA SERVICE	NAD 27 Grid Data		(U.S.	Coordinates Survey Feet)	Plane Azimuth Angle (Convergence)	
, , , , , , , , , , , , , , , , , , ,	To Prominent & Reference Mark	(S	State:		Χ			
Reference Point	Direction	Distance (feet)	Zone: Code:		Υ			
11010101100 01110	Biroccorr	The state (1000)	NAD 83 Grid Data		(U.S.	Coordinates Survey Feet)	Plane Azimu (Converg	
			State: TEXAS	DENITO A I	N 694628	82.1256	0.40,	40.7400"
Azimuth Mark	Azimuth	Distance	Zone: NORTH (Code: 4202	JENIKAL	E 237094	46.6770	0 42 4	49.3492"
AR 10	307° 08' 35"	5,556.03 feet	Metric Convers	sion Facto		3.28083	333333	
Description of Paints			Geodetic Data Field Sketch:	Latitude Longitu		NAD 27	NAD 83 X North West	586.96
Description of Points:			TICIU SKCTCII.					
Berntsen Top Security Monum	nent located at the east (end of the Lake			/	14th green		
Arlington Dam. To reach the	monument from the inter	section of Green		/				
Oaks Blvd. and Pioneer Pkwy, on right. Gate is north entrar Go west through gate and fo Monument is 108 feet north 14th tee box of the golf cour NNE of monument at 48.5 feet WITNESSED BY SIGN POST	nce to Arlington Fire train Ilow winding road 0.4 mile of dam road on a plateau rse. An electric transmi:	ing center. is to beginning of dam. , just east of the				14th	Trans Tow	ver
MINESSED DI SIGNITOSI				< e			Pioneer (3	Green Ooks 0.4 miles

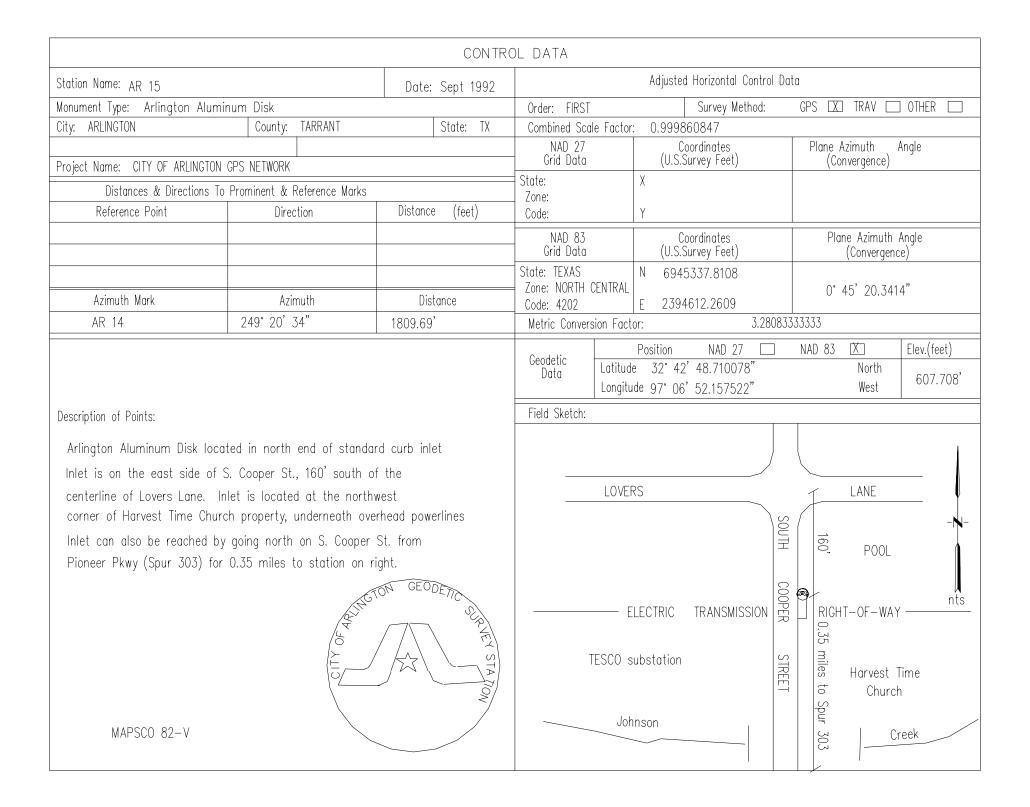
Fire Training Center

Mapsco 80-V



		CONTRO	DL DATA					
Station Name: AR13		Date: September, 1992			Adjuste	d Horizontal Control Do	nta	
Monument Type: BERNTSEN TO	P SECURITY		Order: FIRST			Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scal	le Factor	0.	999863083		
Surveyor: E. SEATON	Prepared by: Al	ERIAL DATA SERVICE	NAD 27		(11.0)	Coordinates .	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTO	N GPS NETWORK		Grid Data			Survey Feet)	(Convergence)	
Distances & Directions 1	To Prominent & Reference Marks		State: Zone:		Χ			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data		(11 5 1	Coordinates Survey Feet)	Plane Azimuth	
			State: TEXAS		N 694264		(Convergenc	ce)
			Zone: NORTH (CENTRAL	N 034204	10.2142	0°43'38.9	9992"
Azimuth Mark	Azimuth	Distance	Code: 4202		E 237877			
AR 12	271° 15' 46"	3,389.41	Metric Convers	sion Fact	or:	3.28083	333333	
			0 11:		Position	NAD 27	NAD 83 🗓	Elev.(feet)
			Geodetic Data	Latitud		2°42'24.126342"	North	576.089
				Longitu	de 97	7°09'57.972137"	West	370.003
Description of Points:			Field Sketch:					
Arkansas Lane and Park S Monument is 24' south of	nument located at the southe Springs Blvd. at Veterans Park south back of curb of Arkan	sas Lane, and				BLVD		
approximately 90' east of WITNESSED BY SIGN PC	the projected centerline of P	ark Springs.	ARk	(ANSAS	LANE	PARK SPRINGS		- N-
	MAPSCO 81-Y					Ę.	74 90' 🙆 VETERANS PAR	- RK

		CONTRO	DL DATA					
Station Name: AR14		Date: September, 1992			Adjuste	ed Horizontal Control Do	nta	
Monument Type: BERNTSEN TOP	P SECURITY		Order: FIRST			Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	e Factor	: 0	.999860112		
Surveyor: E. SEATON		RIAL DATA SERVICE	NAD 27 Grid Data		(115	Coordinates .Survey Feet)	Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State:		χ (0.5.	.ourvey recey	(convergence)	
	o Prominent & Reference Marks		Zone:					
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data		Coordinates (U.S.Survey Feet)		Plane Azimuth (Convergence	
			State: TEXAS		_ `			•
Azimuth Mark	Azimuth	Distance	State: TEXAS N 6944699.3940		0*45'09.4	787"		
AR 15	69° 20′ 34″	1,809.69	Metric Convers	sion Fact	1	3.28083	333333	
					Position	NAD 27	NAD 83 [X]	Elev.(feet)
			Geodetic Data	Latitud	e 3:	2°42'42.613728"	North	,
			Duta	Longitu	de 9	7°07'12.074767"	West	627.474
Description of Points:			Field Sketch:					
 Berntsen Top Security Monum	nent located at Howard Moore	Park						1
To reach monument from the	e intersection of Pioneer Pkwy	(Spur 303)				1 1		
and South Davis Dr. go north	on Davis 0.3 miles to Tucker	Then						V
right (east) 0.1 miles to Beve	er Blvd. Then right (south) int	0						-N-
Howard Moore Park. Continue	south to monument on right.	Monument	Transmis	sion To	wer ₇₅ ,	38	HOWARD	
is located in TESCO easement	t, 38' west of centerline of pa	rk road.			\		MOORE PARK	
	·]	68'/	PARN	nts
WITNESSED BY SIGN POST								
				T	ennis		_	
				C	ourts			
MAP	SCO 82-V&Z							
1								

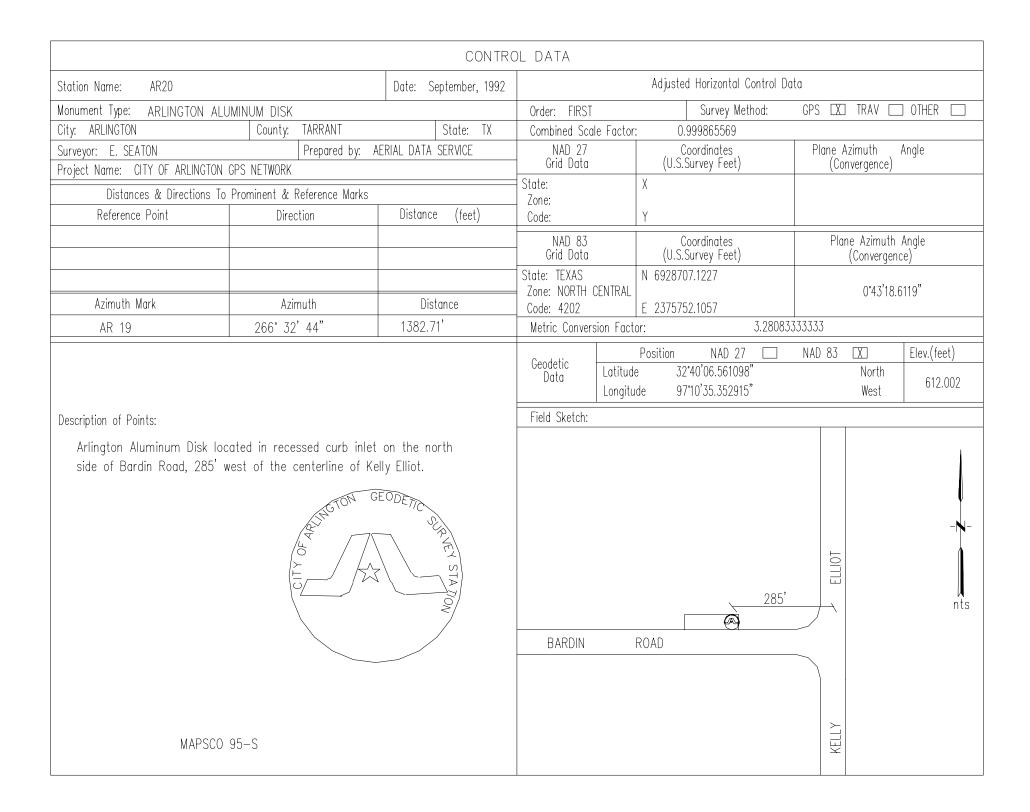


		CONTRO	DL DATA					
Station Name: AR16		Date: September, 1992			Adjuste	ed Horizontal Control D)ata	
Monument Type: BERNTSEN TO	P SECURITY		Order: FIRST			Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	le Factor	: 0	.999860098		
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27 Grid Data		(11.0	Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		State:		· ' -	Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone:		X			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data			Coordinates Survey Feet)	Plane Azimuth . (Convergenc	
			State: TEXAS		N 69455	98.5001		
Azimuth Mark	Azimuth	Distance	Zone: NORTH (Code: 4202	CENTRAL	 E 24057	55.6104	0°46'31.4	956"
AR 17	85° 30' 13"	1954.28'	Metric Convers	sion Fact	or:	3.2808	3333333	
			Geodetic	1 111	Position	NAD 27 🗆	NAD 83	Elev.(feet)
			Data	Latitud Longitu		2°42'49.816229" 7°04'41.693854"	North West	622.875
Description of Points:			Field Sketch:					1
The monument can be reach of New York Ave. and Pione	ment located at Bob Cooke's ned by going north from the er Pkwy. (Spur 303) to Craig Hanking for +/-700' to stati centerline of Craig Hanking.	intersection Hanking,				 BC	DB COOKE'S PARK	-N-
WITNESSED BY SIGN POST						NEW YORK AVE	+/- 82'	nts
MAPSCO 83-V						TO SPUR 30		

		CONTRO	DL DATA						
Station Name: AR17		Date: September, 1992			Adjust	ed Horizontal Con	trol Do	ata	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST			Survey Metho	d:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	le Factor	: C	.999861115			
Surveyor: E. SEATON		RIAL DATA SERVICE	NAD 27 Grid Data		(11.5	Coordinates Survey Feet)		Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State:		χ (0.5	.ourvey reety		(convergence)	
	Prominent & Reference Marks		Zone:		^				
Reference Point	Direction	Distance (feet)	Code:		Υ				
			NAD 83 Grid Data			Coordinates Survey Feet)		Plane Azimuth (Convergenc	
			State: TEXAS		N 69457	51.7096		, ,	,
Azimuth Mark	Azimuth	Distance	Zone: NORTH Code: 4202	CENTRAL	 E 24077	03.8758		0°46'43.9	9453"
AR 16	265° 30′ 13″	1954.28'	Metric Convers	sion Fact			28083	333333	
					Position	NAD 27		NAD 83 [X]	Elev.(feet)
			Geodetic Data	Latitud	e 3	2°42'51.070684"		North	CO1 41F
			5414	Longitu	de 9	7°04'18.866812"		West	601.415
Description of Points:			Field Sketch:						
Berntsen Top Security Mc	onument located at Gertrude	Johns Elementary.							1
	d by going north on Sherry S our 303) to station on left.	st., for 0.10 miles							
, , ,	northwest corner of Sherry S	St. and							
Craig Hanking. 87' north	of the centerline of Craig Ho	inking and 29.5 feet			2				
west of west back of cur	b of Sherry St.				School Driveway				
	,		GERTR JOHNS			29.5			
			ELEMEN		- ohoo	1 ®		TECOO	nts
WITNESSED BY SIGN POST	-				Š		_	TESCO Substation	
WITH ESSED BY SIGHT 1001						87'	STREET	Substation	
			CRAIG HA	NKING [)R		S		
								303	
MADCOO 04 C							RY		
MAPSCO 84-S							SHERRY	Spur	
							[

		CONTRO	DL DATA					
Station Name: AR18		Date: September, 1992			Adjuste	ed Horizontal Control Da	ta	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST			Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca		or: 0.999865280			
Surveyor: E. SEATON		RIAL DATA SERVICE	NAD 27 Grid Data		(U.S	Coordinates Survey Feet)	Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State:		χ (0.5.	Survey recty	(convergence)	
	Prominent & Reference Marks		Zone:					
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Coordinates Grid Data (U.S.Survey Feet)		Coordinates Survey Feet)	Plane Azimuth . (Convergenc		
			State: TEXAS		N 69282	<u> </u>	(oonver gene	,~,
Azimuth Mark	Azimuth	Distance	Zone: NORTH Code: 4202	CENTRAL	E 236198		0°41'50.7	'273 "
AR09	277° 43′ 15″	2520.18'	Metric Convers	sion Fact		3.28083	<u> </u> 3,3,3,3,3	
100	277 10 10	2020.110	Wicting Convers	31011 1 401	Position	NAD 27 🗆	NAD 83 🗓	Elev.(feet)
			Geodetic Data	Latitud		2°40'03.666895"	North	
			Dutu	Longitu		7°13'16.492431"	West	620.645
Description of Points:			Field Sketch:					1
'	nt located on the south side of Ir Road, and 86' north of the center							
						Westbound I-2	20	
						Eastbound I-2	?0	
Witnessed by sign post	Mapsco 93-V		-	Bowman Springs Road	Frontage	50' to centerline Bowman Springs	86' Road	nts

		CONTRO	DL DATA		
Station Name: AR19		Date: September, 1992		Adjusted Horizontal Control Do	ota
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST	Survey Method:	GPS 🛛 TRAV 🖂 OTHER 🗀
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999866355	
Surveyor: E. SEATON		ERIAL DATA SERVICE	NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
Project Name: CITY OF ARLINGTON	GPS NETWORK		State:	(0.5.5urvey reet)	(Convergence)
Distances & Directions To	Prominent & Reference Marks		Zone:	^	
Reference Point	Direction	Distance (feet)	Code:	Υ	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
			State: TEXAS	N 6928623.8050	
Azimuth Mark	Azimuth	 Distance	Zone: NORTH CENTRAL	F 2774771 0067	0°43'09.7993"
AR 20	86° 32′ 44″	1382.71	Code: 4202 Metric Conversion Fact	E 2374371.9063 for: 3.28083	333333
			Geodetic Latitud Data Longitu	Position NAD 27	NAD 83 [X] Elev.(feet) North West 596.510
Description of Points:			Field Sketch:		
Berntsen Top Security Monum	ent located at Cliff Nelson	Recreation Center			1
Monument is on the south si	de of Bardin Road, 0.3 mile	s west of Kelly			
Elliot Road and 0.5 miles eas	t of Green Oaks Blvd.	,	<u> </u>		
			To Gre	en Oaks Blvd.	
			- RA	RDIN	To Kelly Elliot
				ROAD	
					<u> </u>
WITNESSED BY SIGN POST					36.3' nts
			Parking		42.4'
					42.4
			CLIFF NEI	l T	ennis
			RECREATI	()[\]	Courts
MAPSCO 95-	S				



		CONTRO	DL DATA				
Station Name: AR21		Date: September, 1992		Adjus	ted Horizontal Control Do	ıta	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST		Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	c: 0.999862118		
Surveyor: E. SEATON	Prepared by: A	ERIAL DATA SERVICE	NAD 27	/11	Coordinates		Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data State:	X (U.	S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
Reference Point	Direction	Distance (feet)	Code:	Υ			
			NAD 83 Grid Data	(U.	Coordinates S.Survey Feet)	Plane Azimuth . (Convergenc	
			State: TEXAS		533.7076	\	/
Azimuth Mark	Azimuth	Distance	Zone: NORTH CE	I	075 0057	0°44'57.7	'228"
AR 22	178° 57' 59"	2549.45	Code: 4202 Metric Conversio		275.6057 3.28083	 	
7111 22	170 07 00	2010.10	METHO CONVENSIO				[
			Geodetic	Position Latitude	NAD 27 32°40'12.767768"	NAD 83 🗓 North	Elev.(feet)
			Dutu		97°07'33.629542"	West	679.891
Description of Doints:			Field Sketch:				
Description of Points: Located	at the S/W corner	of Bardin Rd.	Tiora Sketen.				
and Sportcenter Dr	. 33.75 feet west	of west curb	F	ARDI		ROAD	1
of Sportcenter Dr.	and 24.30 feet sou	th of south curb		// \I\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	24.30		
of Bardin Rd.					Ø	33.75'	V
							-N-
				1×		Sports	
				,0, V			
WITNESSED BY SIG				1,.00		\ 0	
WITH ESSED BY SIC	SN POST		05	5/1/00			
WINVESSED DI SIG	SN POST		5	21.14.0 51.74.0			nts
WINCOSED BY SIG	SN POST		05	2/1/V		Center	nts
WINESSED BY SIG	SN POST				Arlinator	Center	nts
WINESSED BY SIG	SN POST		City	of A	Arlingtor	Center	nts
WINESSED BY SIG	SN POST		City Sou	of A	omplex	Center	nts
WINESSED BY SIG	SN POST		City Sou	of A	omplex	Center	nts
	SN POST sco 96-U		City Sou	of A	omplex	Center	nts

		CONTRO	DL DATA					
Station Name: AR22		Date: September, 1992			Adjuste	d Horizontal Control Do	ıta	
Monument Type: BERNTSEN TOP	SECURITY	I.	Order: FIRST			Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	e Factor	·: 0.	999863508		
Surveyor: E. SEATON		ERIAL DATA SERVICE	NAD 27 Grid Data		(115	Coordinates Survey Feet)	Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State:		χ (0.5	ourvey reety	(convergence)	
	Prominent & Reference Marks		Zone:					
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data		(U.S.)	Coordinates Survey Feet)	Plane Azimuth (Convergenc	
			State: TEXAS		N 692698	· · · · · · · · · · · · · · · · · · ·	(ourvergence	,0,
Azimuth Mark	Azimuth	Distance	Zone: NORTH C	ENTRAL			0°44'57.8	3035"
	358° 57' 59"	2549.45'	Code: 4202 Metric Conversi	lan Faat	E 239132	<u>3.28083</u>	77777	
AR 21	330 37 39	ZJ43.4J	Metric Conversi	ion racti				I = (1)
			Geodetic	Latitude	Position	NAD 27 (**239'47.539928"	NAD 83 X	Elev.(feet)
			Data	Longitu		7°07'33.481559"	West	668.101
			Field Sketch:	20119114				
Description of Points:		2	I IEIU SKETCII.				\sim	
Located at the N/W o		Dr.				- * -	<u> </u>	
and Sportcenter Dr. 2						*		
west curb of Sportcen	ter Dr. and 32.25 f	feet				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Y	V
north of north curb of	f Wimbledon Dr.		chain] link	fence		S Bardin	-N-
				7			_	
						* ~		
						* (Bardin	
						*	_ B	n.t.s.
WITNESSED BY SIG	SN POST		XX	-××	× ×			
			4		- 6	\ \ \	\rightarrow $-$	\Rightarrow
			To Cooper(15	7)	32.25		To Matla	ock
					\			
 Mapsc	o 96-U				V V \/	DLEDUI	IDR.	
<u>'</u>								

		CONTRO	DL DATA					
Station Name: AR23		Date: September, 1992			Adjuste	d Horizontal Control Do	nta	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST			Survey Method:	GPS 🗓 TRAV 🗆	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scal	e Factor:	: 0.	999866083		
Surveyor: E. SEATON		RIAL DATA SERVICE	NAD 27 Grid Data		(11.5	oordinates Survey Feet)	Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		State:		χ (0.3	Survey reet/	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone:		^			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83 Grid Data		(11.5	oordinates Survey Feet)	Plane Azimuth (Convergen	
			State: TEXAS		N 692774	, ,	Convergen	<u></u>
			Zone: NORTH C	ENTRAL	11 032//1	10.0000	0°46'06.	9416"
Azimuth Mark	Azimuth	Distance	Code: 4202		E 240214			
AR 24	161° 30′ 26″	2342.51'	Metric Convers	ion Facto	or:	3.28083	333333	
			Coodatio		Position	NAD 27 🔲	NAD 83 🗓	Elev.(feet)
		Geodetic Data	Latitude		2°39'53.652542"	North	609.963	
				Longitu	de 97	7°05'26.714444"	West	003.303
Description of Points:			Field Sketch:					
Located 0.9 miles so	uth of I—20 along							i
South Collins at Fire	Station #12. 20 feet	-				To 1-20		
southeast of the south	theast corner of fire	station						
					FIRE		Street	-N-
on the west side of C	Collins.						Str	•
					STATION		(0)	
WITNESSED BY SIGN P	OST				#12	19.7'	Collins	
								nts
						22.7	حا	
						,54	South	
					Со	nc. Drive		
MAPSCO 97	′ −U							

			CONT	ROL DATA					
Station Name: AR24			Date: September, 1992			Adjust	ed Horizontal Control Do	ita	
Monument Type: BERNTSEN TOP S	ECURITY			Order: FIRST	-		Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County:	TARRANT	State: TX	Combined Sci	ale Factor	: ().999867045		
Surveyor: E. SEATON	·	Prepared by: AE	ERIAL DATA SERVICE	NAD 27		/11.0	Coordinates		Angle
Project Name: CITY OF ARLINGTON G	PS NETWORK			Grid Data			.Survey Feet)	(Convergence)	
Distances & Directions To F	Prominent & f	Reference Marks		State: Zone:		X			
Reference Point	Direc	ction	Distance (feet)	Code:		Υ			
				NAD 83			 Coordinates _	Plane Azimuth	Angle
				Grid Data		<u> </u>	.Survey Feet)	(Convergen	ce) "
				State: TEXAS	OENTD AL	N 69255	24.3134	0°40'11	1014"
Azimuth Mark	Azir	nuth	Distance	Zone: NORTH Code: 4202	CENTRAL	E 24028	91.5570	0°46'11.4	1914
AR 23	341° 3	0' 26"	2342.51'	Metric Conver	sion Fact	or:	3.28083	333333	
				0 111		Position	NAD 27	NAD 83 🗓	Elev.(feet)
				Geodetic Data	Latitud	e 3	2°39'31.572382"	North	
					Longitu	ıde 9	7°05'18.372170"	West	604.554
Description of Points:				Field Sketch:					
Berntsen Top Security Monur	ment locate	d on the west	side of S. Collins			Int	erstate 20		1
1.4 miles south of I-20. Goi							1.4		
at the end of curve to the m	9						miles Sout		
of west back of curb and 38	•	•					miles to South		
or west back or carb and se).O 300tii 0	i a citalillillik ici	nice conner.				o AR		- \ -
							7 24		Î
									nts
WITNESSED BY	SIGN PO	DST					38.8'\		
						x	* *		
					Arlir	ngton			
					Mu Δi	nicipal rport	* Collins 18.6'		
MAPSCO 97-	V				ΛI	Porc	10.0		
WAF3CO 97-	- 1						*		

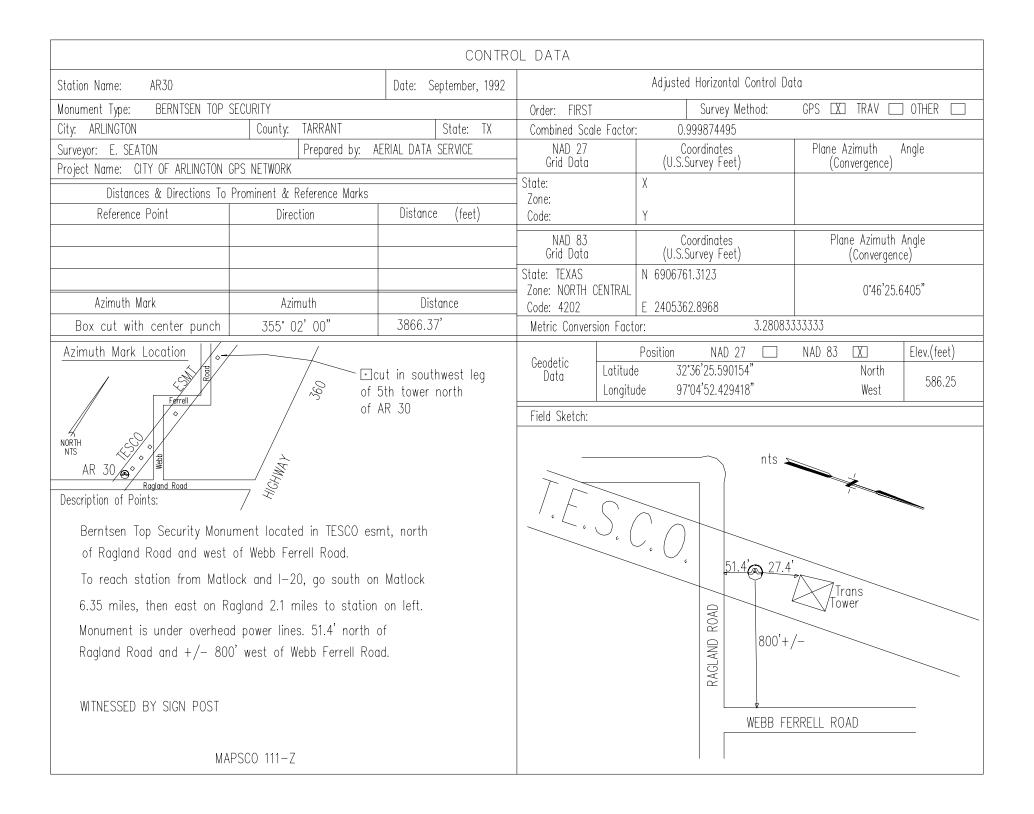
		CONTRO	DL DATA				
Station Name: AR25		Date: September, 1992		Adjusted	Horizontal Control Do	nta	
Monument Type: ARLINGTON ALUM	MINUM DISK		Order: FIRST		Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fact	or: 0.99	99865199		
Surveyor: E. SEATON	Prepared by: AE	RIAL DATA SERVICE	NAD 27	Coc	ordina <u>t</u> es .	Plane Azimuth A	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	- ' '	urvey Feet)	(Convergence)	
Distances & Directions To	o Prominent & Reference Marks		State: Zone:	X			
Reference Point	Direction	Distance (feet)	Code:	Υ			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)		Plane Azimuth /	
			State: TEXAS	N 6920470	<u> </u>	Convergence	0)
			Zone: NORTH CENTRA	L		0°43'01.5	550"
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2373181.			
AR 26	147° 08′ 56″	6451.57'	Metric Conversion Fac	ctor:	3.28083	333333	
			Condatio	Position	NAD 27 🔲	NAD 83 🗓	Elev.(feet)
			Geodetic Latitu		38'45.378867"	North	676.254
			Longi	tude 97°1	11'06.627429"	West	070.234
Description of Points:			Field Sketch:				
Arlington Aluminum Disk I	ocated in the southwest abut	tment of Hwy 287		\ \			
, and the second	blett Road. Disk is 4.09' eas	•		\ '	\		
_					\H\ \	\	
or parapet wall in south	abutment of southbound lane	S 01 MWy 207.		\	\W\		V
					\		-N-
	£3(ON GEODETIA		\	\		
		\$	Kenn		$\overline{}$	\ Sublett	
	AA A		- Kellil	edule	\rightarrow	Jubiett	
	(° /	/ / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					nts
	CITY OF AREA	STRVEY STA			\ _ \	2 \ \	
					\ ® —\ .		
					\ \	\ 8 \ \ \	
						7 \	
MAPSCO 10	8-D					\	
						\ \ \	
					\	\ \	
1						\ \	\

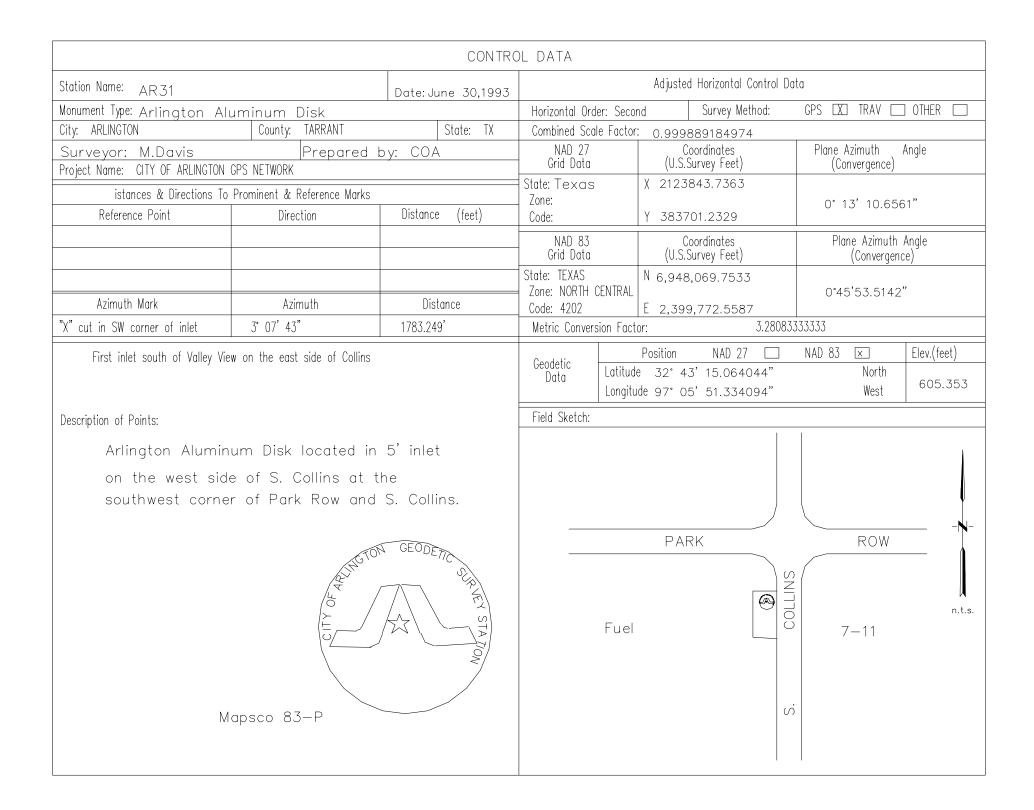
		CONTRO	DATA				
Station Name: AR26		Date: September, 1992		Adjusted	l Horizontal Control D	ota	
Monument Type: BERNTSEN TOP	SECURITY		Order: FIRST		Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	or: 0.9	0.999867745		
Surveyor: E. SEATON	1 '	AERIAL DATA SERVICE	NAD 27	Co	pordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	<u> </u>	Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: Zone:	X			
Reference Point	Direction	Distance (feet)	Code:	Υ			
			NAD 83 Grid Data	Co (U.S.S	pordinates Survey Feet)	Plane Azimuth / (Convergenc	
			State: TEXAS	N 6915050	, ,		,
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		4 4070	0°43'23.4	417"
	327° 08' 56"	6451.57'	Code: 4202	E 237668	1.4832 3.28083	77777	
AR 25	327 00 30	0431.37	Metric Conversion Fac				I - /:)
			Geodetic	Position	NAD 27	NAD 83	Elev.(feet)
			Data Latitu		'37'51.315599" '10'26.497385"	North West	662.567
			1 ,	ituue 37	10 20.437303	Mest	
Description of Points:			Field Sketch:				
Berntsen Top Security	manument leasted	at the "KIDALA"		\			1
Water Treatment Plan				E	den Road		
Highway 287 and Rus	3) riortri	\	\ \	"	,,,,,,	
along the northbound				(2)	"KUBALA	/ /	- \ -
approximately 0.30 n	-	nd monument		northbound	Treatment	/_ /	
on right. The monun			TEX 287	15 1		.6'	
12.3 feet south of t and 44.6 feet east o		,	\ \(\tilde{\chi} \)		\ / /	\ \	nts
north bound service	· ·			\t\c)		(5)	1110
THOIRT BOUTH SCIVICE	Todd of Highway 20	57.		\	12.3		
					12.3		
WITNESSED BY SIGN F	POST						
					\ \ /		
\ \	MAPSCO 109-K				> <		
				\			

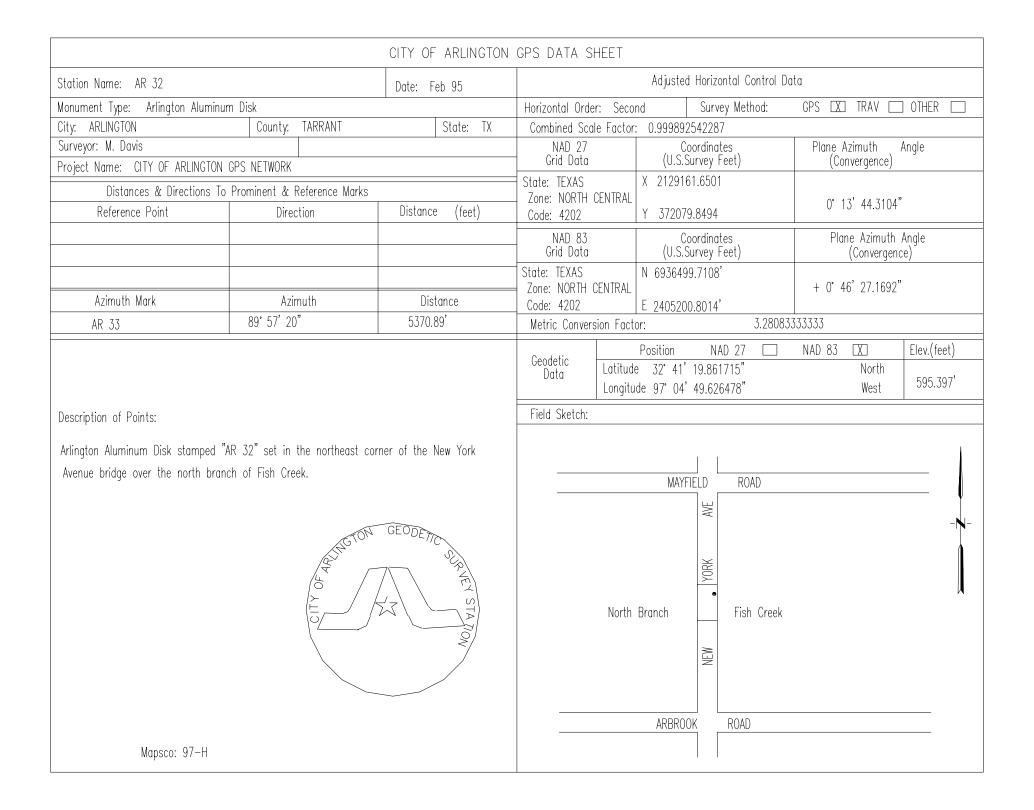
		CONTRO	DL DATA			
Station Name: AR27 Date: Septer			Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP SECURITY			Order: FIRST Survey Method:		GPS [X] TRAV [] OTHER []	
City: ARLINGTON County: TARRANT State: TX		Combined Scale Factor: 0.999868015				
Surveyor: E. SEATON Prepared by: AERIAL DATA SERVICE		NAD 27	Coordinates	Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions To Prominent & Reference Marks			State: Zone:	X		
Reference Point	Direction	Distance (feet)	Code:	Υ		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6915891.6418		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2395713.5185	0°45′24.8879"	
AR 28	97° 28′ 53″	5895.58	Metric Conversion Fact		3333333	
			Geodetic Data Latitud Longitu		NAD 83 X Elev.(feet) North West 651.63	
Description of Points:			Field Sketch:			
Berntsen Top Security monument located in TESCO Right—of—Way. To reach the monument from the intersection of I—20 andMatlock, go south 3.2 miles to George Finger Road, go left (east) to east end of water tower site. Monument is 53' south of the south edge of pvmt and 15.2' southeast of the east corner of wrought iron fence WITNESSED BY SIGN POST Mapsco 110—M			ROAD	Finger water tower	n.t.s. AR 27	

		CONTRO	DL DATA					
Station Name: AR28 Date: September, 1992			Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SECURITY			Order: FIRST Survey Metho		Survey Method:	GPS [X] TRAV [OTHER	
City: ARLINGTON County: TARRANT State: TX			Combined Scale Factor: 0.999869937					
Surveyor: E. SEATON	NAD 27 Coordinates Plane Azimuth Grid Data (U.S.Survey Feet) (Convergen							
Project Name: CITY OF ARLIN	Grid Data	χ (0.5	.Survey reel)	(Convergence)				
Distances & Directio	State: Zone:	^						
Reference Point	Direction	Distance (feet)	Code:	Υ				
GP 29	101° 10' 59"	2126.54'	NAD 83 Grid Data		Coordinates .Survey Feet)		Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 69151:		(ourier ge		
A	A ' 11	D. I	Zone: NORTH CENTR	AL		0°46'0	2.1014"	
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2401558.9095			777777		
AR 27	277° 28′ 53″	5895.58'	Metric Conversion Factor: 3.2		3.2808	3333333		
				Position	NAD 27	NAD 83 🗓	Elev.(feet)	
			Geodetic Latitud		2°37'48.842259"	North	617.94	
				gitude 9	7°05'35.589097"	West		
Description of Points:			Field Sketch:					
Berntsen Top Security M To reach station from t and Silo Road, go east Webb Ferrell Road on ric fence that would be the From the north right—of cross fence, then contin of fence.	City of Arlington 25' Elizibeth Duvol esmt S Nebb Road Mansfield Mansfield							
Attatched find a copy o		Mansfield Webb			\			

	DL DATA								
Station Name: AR29		Date: September, 1992			Adjuste	d Horizontal Contro	ol Data		
Monument Type: BERNTSEN TOP	SECURITY	I	Order: FIRST Survey Method: GPS 🕮 TF			□ TRAV	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scal	e Factor	: 0	.999868279			
Surveyor: E. SEATON	Prepared by: AE	ERIAL DATA SERVICE	NAD 27			Coordinates	Plo		ingle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data		· '	(U.S.Survey Feet)		(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: Zone:		X				
Reference Point	Direction	Distance (feet)	Code:		Υ				
			NAD 83 Grid Data			Coordinates Survey Feet)		Plane Azimuth A	
			State: TEXAS		N 69075			Convergence	~/
A . II AI I	A . 11	D' I	Zone: NORTH CENTRAL					0°43'06.4	331"
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2374108.			007777777	0777777		
CT 1*	24° 09' 24"	7,680.52'	Metric Convers	sion Fact	or:	3.28	083333333	3	
* Looking N24°E,	CT 1 is a cellular to	ower	Geodetic		Position	NAD 27] NAD		Elev.(feet)
Red and white	in color. Backsight i	s beacon at top	Data	Latitud		2°36'37.112406"		North	707.214
SEE NEXT PAGE FOR	J J	'		Longitu	ide 9	7°10'57.683159"		West	
Description of Points:			Field Sketch:						
Located at Cedar Hill	Memorial Cemetery								1
 From I-20 and Mansfi									
 Go southeast on Mans	3	niles		\					Ų.
to monument on east	3					\mathbb{C}	_DA	AR HIL	
 situated 29.5 feet eas	t of east edge of s	houlder	1 ()) \	29.5 [°]	AR29	FMC	DRIAL	
and 23 feet north of	entrance to cemete	erv.		(0)	23			- T \ /	
				\\Q	\ ,		_ V	- IERY	n.t.s.
NOT WITNESSED BY	SIGN POST			\ _		<u>entranc</u> e			
					9				
Maps	co 109-S				7 Z Q				
						Turn)r \//.	arnell R	
					\	luilit	ZI VV(alleli N	. UUU







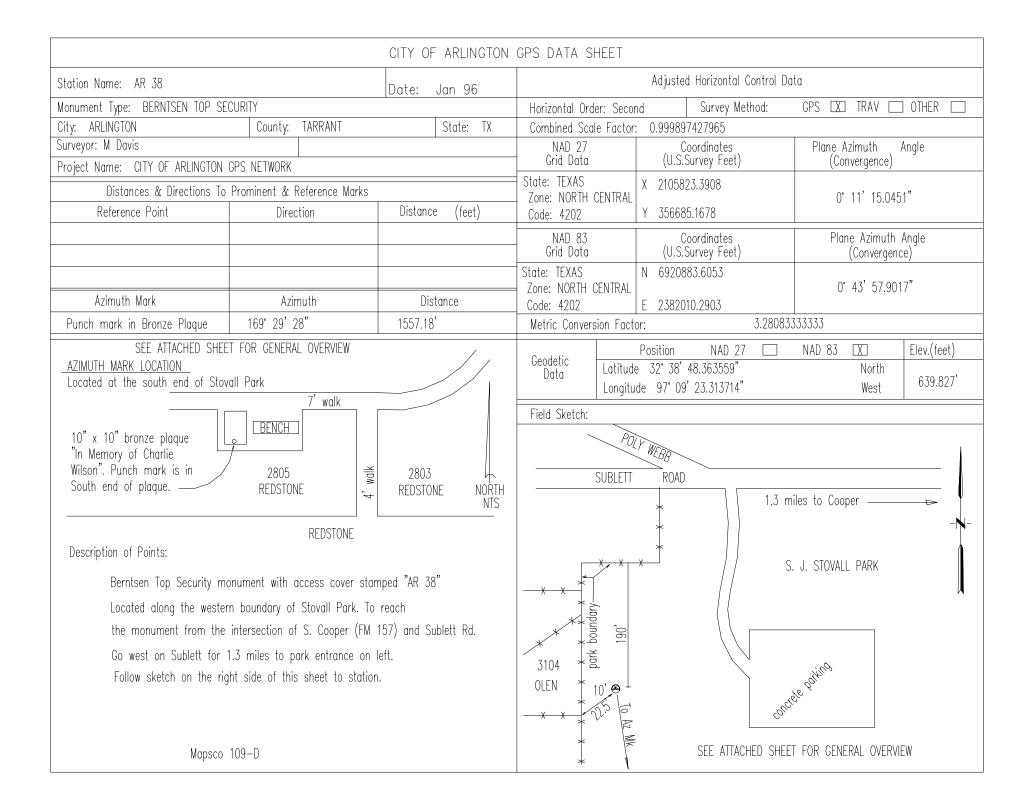
	CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 33		Year established: 1995		Adjusted Horizontal Control Do	nta			
Monument Type: BERNTSEN TOP SEC	CURITY		Horizontal Order: Sec	ond Survey Method:	GPS 🗓 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999892563064					
Surveyor: M. Davis	1	-	NAD 27	Coordinates		Angle		
Project Name: CITY OF ARLINGTON GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
Distances & Directions To Prominent & Reference Marks		State: Zone:	X 2134532.3678	0. 44 40 50 47"				
Reference Point	Direction	Distance (feet)	Code:	Y 372032.8994	0° 14' 18.5847"			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth /			
			State: TEXAS	N 6936503.8726		-		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		+ 0° 47′ 01.4	4441"		
		5370.894'	Code: 4202	E 2410571.6938 or: 3.28083	77777			
AR 32	269° 57' 20"	3370.094	Metric Conversion Fact			T		
			Geodetic	Position NAD 27	NAD 83 🗓	Elev.(feet)		
				e 32° 41' 19.180340" ide 97° 03' 46.782182"	North West	570.855		
			Field Sketch:	100 07 00 10.702102	11000			
Description of Points:								
Located on the west sid lanes and the southbour shoulder and 44' east o	nument with access cover stan e of Highway 360 between the d service road. 30' west of the f east curb of southbound serv - 100' north of the North Bro	southbound e west edge of vice road.	To Mayfield	Southbound 360 Service	Southbound	-N-		
Mapsc	o: 98–F		North Branch Fish Creek	### 44' ● 30' 61' □ LP ##################################	780 			

	CITY OF ARLINGTON GPS DATA SHEET						
Station Name: AR 34		Date: April 96		Adjusted Horizontal Control Da	ıta		
Monument Type: BERNTSEN TOP SE	ECURITY	'	Horizontal Order: Secon	nd Survey Method:	GPS 🗓 TRAV 🗆 OTHER 🗆		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999887762480				
Surveyor: M. Davis		-	NAD 27	Coordinates	Plane Azimuth 🔍 Angle		
Project Name: CITY OF ARLINGTO	N GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2134862.9054	0° 14' 21.1471"			
Reference Point	Direction	Distance (feet)	Code: 4202	Y 389032.0261	0 11 21.1177		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6953505.2843			
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2410740.3955	0° 47' 04.0062"		
ARL NO 1 1947	269° 26' 18"	4187.604	Metric Conversion Factor: 3.28083		333333		
			Geodetic Latitude	Position NAD 27 32° 44′ 07.378953" de 97° 03′ 42.084500"	NAD 83 X Elev.(feet) North West 598.564'		
Description of Points:			Field Sketch:				
Located at the southeast 7' east of east curb of r	nument with access cover stamped corner of Highway 360 and Abro northbound 360 service road and of convenience store at said corn	nm Street 85' north of		East Abram Street Covered Gas Pum	-N-		
Mapsco:	84-K		Northbound 360 Service Road	Couges baring Conelen	Couvevieuce Store		

		CITY OF ARLINGTON	GPS DATA SHEET				
Station Name: AR 35		Date: April 96		Adjusted Horizontal Control Da	ta		
Monument Type: BERNTSEN TOP	SECURITY	Bate. April 00	Horizontal Order: Secon	nd Survey Method:	GPS 🖾 TRAV 🖂 OTHER 🖂		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999887582658				
Surveyor: M. Davis			NAD 27	Coordinates	Plane Azimuth Angle		
Project Name: CITY OF ARLINGTO	N GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions 1	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2121389.5254	0° 10' EE 1700"		
Reference Point	Direction	Distance (feet)	Code: 4202 Y 389664.5230		0° 12' 55.1309"		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6954009.2874	, ,		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2397261.6817	0° 45' 37.9884"		
H 98	271° 06' 01"	3309.253'	Metric Conversion Facto		333333		
			Geodetic Latitude	Position NAD 27 e 32° 44° 14.164086" de 97° 06° 19.801153"	NAD 83		
Description of Points:			Field Sketch:				
Located on the north side the centerline of Mesqui Monument is located 11	' north of most northerly rail.		UNION MAIN STREET	DIVISION STREET 80' PACIFIC JUN SAM ABRAM STREET			
Map	osco: 83-J						

	CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 36		Date: April 96		Adjusted Horizontal Control Do	uta			
Monument Type: ARLINGTON ALUM	MINUM DISK	pace. April 30	Horizontal Order: Secor	nd Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	: 0.999888450672				
Surveyor: M Davis		,	NAD 27	Coordinates	Plane Azimuth Angle			
Project Name: CITY OF ARLINGTON GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
istances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2123811.9636	0° 13′ 10.5193″			
Reference Point	Direction	Distance (feet)	Code: 4202	Y 386400.6160	0 13 10.3133			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)			
			State: TEXAS	N 6950768.6677				
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2399715.0628	0° 45' 53.3771"			
"X" cut on SW corner of inlet	170° 25' 49"	931.284'	Metric Conversion Facto	or: 3.28083	333333			
First inlet south of	Valley View on the east side o	f Collins	Geodetic Latitude	Position NAD 27 e 32° 43′ 41.776306″ de 97° 05′ 51.585362″	NAD 83 [X] Elev.(feet) North West 567.94'			
Description of Points:			Field Sketch:					
Arlington Aluminum Disk stamped "AR 36" set in the northeast corner of the Mitchell Street bridge over Johnson Creek, Just west of South Collins				CREEK	-N-			
	A PO TITO TO THE TOWN	SURVEY STATION	MITCHELL	JOHNSON &	STREET			
Mapso	co 83-P							

	CITY OF ARLINGTON	GPS DATA SHE	EET									
Station Name: AR 37			Date: Feb 96			Ad	ljusted Horizont	al Cor	ntrol Data			
Monument Type: BERNTSEN TOP	SECURITY			Horizontal Order:	Secon	d	Survey	Metho	od:	GPS 🗓 TRAV		OTHER
City: ARLINGTON	County:	TARRANT	State: TX	Combined Scale	Factor:	0.	.999894090859					
Surveyor: M Davis				NAD 27			Coordinates	3,1		Plane Azimuth		ngle
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data			(U.S.Survey Fee	et <i>)</i>		(Convergen	ce)		
Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CEI		Χ Ζ	2107596.2786			0° 11' 26.5725"		n		
Reference Point	Direc	tion	Distance (feet)	Code: 4202	1 700007 1070				0 11 20	.0720		
				NAD 83 Grid Data			Coordinates (U.S.Survey Fee			Plane Azim (Conve		
				State: TEXAS						,		•
Azimuth Mark	Λ -i-	nuth	Distance	Zone: NORTH CENTRAL					0° 44' 09	.4295		
	266° 51' 4		4250.034'	Code: 4202			2383685.3217	7	7 0000777	7777		
AR 46	200 31 2	+Z 	4230.034	Metric Conversion	n Facto	r:			3.2808333			
				Geodetic		Positi				NAD 83 🗓		Elev.(feet)
				l Data L			° 40' 30.012874			Nort	- 1	619.931'
					_ongitud	de 9	7° 09' 02.1770	19		Wes	t	
Description of Points:				Field Sketch:	1							
 Berntsen Top Security r	nonument with (access cover sta	mped AR 37									
Located on the north s	side of Interstate	e 20. between th	ne									
westbound lanes and t		·					\					
		,								1		
Monument is located 6										> Z 		_
and 74' west northwes	t of the north	eg of Park Sprir	ngs exit sign									
and 157' west of cond	crete rip—rap un	der west end of	I-20			_						
bridge over Bowen Roo	ad.				1-20	77 -						
					01IND 1-20		Ø 6					
					WESTRO		al \					
					, i	<u></u>	exit sign		Cracker B	sarrel .		
				-								
							(1/4		ם שבאו פ	0 A D		
									BOWEN R	UAD		
Maps	co 95-R											



		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 39		Date: April 96	A	Adjusted Horizontal Control Do	ta	
Monument Type: BERNTSEN TOP S			Horizontal Order: Second	Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗆	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0	.999884867557		
Surveyor: M Davis		·	NAD 27	Coordinates	Plane Azimuth Angle	
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet) 2134209.9371	(Convergence)	
Distances & Directions To Prominent & Reference Marks			State: TEXAS X Zone: NORTH CENTRAL	2134209.9371	0° 14' 17.2852"	
Reference Point	Direction	Distance (feet)		400618.1280	0 14 17.2002	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
				6965084.4540	(convergence)	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		0° 47' 00.1442"	
GP 06	14° 02'15"	2493.652'	Code: 4202 E 2409977.2130 Metric Conversion Factor: 3.280833		<u> </u> {{{}}}	
01 00	14 02 10	2100.002	Condatio Pos	sition NAD 27 32° 46' 02.052768"	NAD 83 X Elev.(feet)	
			I Dulu I	97° 03′ 49.165509″	West 536.015'	ı
Description of Points:			Field Sketch:			
Located in the center med	ument with acess cover stamp lian of Avenue J. 34' west of stion with the southbound 360	the		7000		
Inline with two curb inlets					360	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Mapsco 7	70 – T		Ave	enue J	Southbound	U.

CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 40		Date: April 96		Adjusted Horizontal Control D	ata		
Monument Type: BERNTSEN TOP S	ECURITY	Date. April 00	Horizontal Order: Seco	nd Survey Method:	GPS [X] TRAV [OTHER [
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor				
Surveyor: M Davis			NAD 27	Coordinates	Plane Azimuth 🔍 Angle		
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2131144.1972	0° 13' 57.6759"		
Reference Point	Direction	Distance (feet)	Code: 4202	Y 399590.3567	0 13 37.0739		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6964027.5644	(como ganes)		
A	A	D' I	Zone: NORTH CENTRAL		0° 46' 40.5344"		
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2406921.3848			
Stake tack set in inlet	358° 27′ 39″	3747.842'	Metric Conversion Fact	or: 3.28083	3333333		
Cook bold would of Down	Dhal an the week alls of N	Dalla anti Wass	Geodetic	Position NAD 27	NAD 83 🗓 Elev.(feet)		
FIRST INIEL NORTH OF Brown	Blvd. on the west side of N	. Balipark way	Data Latitua	e 32° 45' 52.007328"	North 567.206'		
			Longitu	ıde 97° 04' 25.120771"	West 367.206		
Description of Points:			Field Sketch:	1			
 Berntsen Top Security	monument with access cover	stamped AR 40			1		
Located at United Stat	es Post Office on the east si	de		1) (5) (1)			
	st south of Avenue J. See ske		AVENUE J				
or W. Builpark Hay, ja	or south of Avenue of See Six	oton.			Y		
					- N -		
					Į		
					Post Office		
					2		
			PARY		odkins		
			BALLPARK		cotate		
Mapsco	70-S		' / / /	⊗ 23'			

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: AR 41		Date: May 96		Adjusted Horizontal Control Do	nta			
Monument Type: BERNTSEN TOP	SECURITY	Date. Indy 50	Horizontal Order: Second	d Survey Method:	GPS 🖾 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999891050250					
Surveyor: M Davis		<u> </u>	NAD 27	Coordinates		ngle		
Project Name: CITY OF ARLINGTON GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2129156.3961	0° 13′ 44.4055″			
Reference Point	Direction	Distance (feet)	Code: 4202 Y 377122.1136		0 10 11.1000			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Ai (Convergence			
				N 6941541.6408	(convergence)		
			Zone: NORTH CENTRAL	11 0311311.0100	0° 46' 27.2642"			
Azimuth Mark	Grid Azimuth	Distance	Code: 4202 E 2405147.5536					
Stake tack set in traffic island	358° 59' 44"	2761.678'	Metric Conversion Factor	r: 3.28083	333333			
	d 12' north of traffic signal p of New York Ave and Pioneer F		Geodetic Latitude	Position NAD 27	NAD 83 X North West	Elev.(feet) 640.083'		
Description of Points:			Field Sketch:					
	nument with access cover stam of New York Avenue,128' north			4 ⊗ 5'				
Located in center median of New York Avenue,128' north of the centerline of Cottonwood St. Monument is 5' west of west back of curb of the northbound lanes of New York.					- N-			
			OOTTONII	128,	OTDE			
Ma	psco 97-D		COTTONW	NEW YORK AVE	STREE			
Mu	ρου υτ υ			1 1 1 1				

		CITY OF ARLINGTON	GPS DATA SHEET		
Station Name: AR 42		Date: Jan 96		Adjusted Horizontal Control Do	ata
Monument Type: BERNTSEN TOP	SECURITY	Date. Carries	Horizontal Order: Secon	nd Survey Method:	GPS 🛛 TRAV 🗆 OTHER 🗀
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	0.99989983921	
Surveyor: M Davis		•	NAD 27	Coordinates	Plane Azimuth Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2113867.5467	0° 12' 06.2556"
Reference Point	Direction	Distance (feet)	Code: 4202 Y 352159.6603		0 12 00.2000
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
			State: TEXAS	N 6916434.9873	(comorganos)
A-to-oth Mari	A = * 11.	D'-1	Zone: NORTH CENTRAL		0° 44' 49.1137"
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2390097.0523	177777
AR 43	89° 43' 54"	3508.658'	Metric Conversion Facto		
			Geodetic	Position NAD 27	NAD 83 🗓 Elev.(feet)
			Data Lautuae	e 32° 38′ 03.312542″	North 678.374'
			Longitu	de 97° 07′ 49.414621″	West 070.374
Description of Points:			Field Sketch:		
Berntsen Top Security r	monument with access cover sto	amped AR 42			
Located on the north s	side of Eden Road,11' north of	north back of curb			
and 205' east of the	centerline of Towerwood Dr.				,
				∴	- \ -
				Towerwood Dr	
				*	
				205'	
				EDEN ROAD	concrete sidewalk
				LULIN IVUAU	
Maps	co: 110-K				

	CITY OF ARLINGTON GPS DATA SHEET						
Station Name: AR 43		Date: Jan 96		Adjusted Horizontal Control Do	ata		
Monument Type: BERNTSEN To	OP SECURITY	pate. can co	Horizontal Order: Second	Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	0.999898994156			
Surveyor: M Davis		,	NAD 27	Coordinates	Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions To Prominent & Reference Marks			State: TEXAS Zone: NORTH CENTRAL	X 2117376.2575	0° 12' 28.6348"		
Reference Point	Direction	Distance (feet)	Code: 4202	Y 352142.5599	0 12 20.0340		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
				N 6916451.4215	0° 45' 11.4919"		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL	F 070700F 0700	0 45 11.4919		
AR 42	269° 43′ 54″	3508.658'	Code: 4202 Metric Conversion Factor	E 2393605.6720 :: 3.28083	 		
		3333300	Geodetic Latitude	Position NAD 27 32° 38' 03.020636"	NAD 83		
			Longitude	e 97°07'08.383429"	West 661.790		
Description of Points:			Field Sketch:				
Located on the north	y monument with access cover sin side of Eden Rd. 230' west of and 11' north of the north bac	the centerline	— X X X	X X X X X X X X X X X X X X X X X X X	ROAD To Matlock		
Maps	sco: 110-M						

		CITY OF ARLINGTON	GPS DATA SHE	EΤ			
Station Name: AR 44		Date: FEB 96			Adjusted Horizontal Control Da	ıta	
Monument Type: BERNTSEN TOP	SECURITY	5 4 (4)	Horizontal Order:	Secor	nd Survey Method:	GPS 🗓 TRAV 🗆 OTHER 🗆	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.999892382935		
Surveyor: M Davis			NAD 27 Grid Data		Coordinates	Plane Azimuth Angle	
Project Name: CITY OF ARLINGTON	GPS NETWORK		State: TEXAS		(U.S.Survey Feet) X 2087093.7637	(Convergence)	
Distances & Directions To Prominent & Reference Marks		_ State: TEXAS _ Zone: NORTH CEI	NTRAI	X 2007093.7037	0° 09' 15.8412"		
Reference Point	Direction	Distance (feet)	Code: 4202		Y 372468.7369	0 03 13.0412	
			NAD 83 Grid Data		Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
Azimuth Mark	Azimuth	Distance	State: TEXAS Zone: NORTH CEN	NTRAL	N 6936487.9457	0° 41' 58.6959"	
AR 10	14° 26' 31"	13577.994'	Code: 4202 Metric Conversion	n Facto	E 2363131.4692 or: 3.280833	<u> </u>	
			WICTIC CONVCISION	TTUCK	Position NAD 27	NAD 83 🗓 Elev.(feet)	
Note: Will need tall rod to see over new parapet wall along dam			Geodetic Data Latitude 32° 41' 25.099477" Longitude 97° 13' 01.881645" North West 554.795'				
Description of Points:			Field Sketch:				
Located at Bowman Spr From the intersection o toward lake to parking	onument with access cover star ings Park on the east side of I f Shorewood and Poly—Webb, go on right. proceed north northeas to monument approximately ce	_ake Arlington west southwest st to gazebo	ARLINGTON ARLINGTON	22' (GAZI) DAT RA	PARK PARK PARK PARKING	PRINGS SHOREWOOD R	

MAPSCO: 94-E

		CITY OF ARLINGTON	GPS DATA S	HEET			
Station Name: AR 45		Date: Feb 96	Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP	SECURITY	100 00	Horizontal Order: Second Survey Method: GPS 🖾 TRAV 🗀 OTHER 🗀			OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca				
Surveyor: M Davis			NAD 27		Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data		(U.S.Survey Feet)	(Convergence)	-
Distances & Directions To Prominent & Reference Marks			State: TEXAS X 2091893.8496 Zone: NORTH CENTRAL 0° 09		0° 09' 46.317	- "	
Reference Point	Direction	Distance (feet)	Code: 4202	CENTRAL	Y 363748.0448	0 03 40.517.	J
			NAD 83		Coordinates	Plane Azimuth	Angle
			Grid Data		(U.S.Survey Feet)	(Convergence	
			State: TEXAS		N 6927813.4630		- "
Azimuth Mark	Azimuth	Distance	Zone: NORTH (Code: 4202	CENTRAL	L 0200014 0670	0° 42′ 29.1725)"
AR 25	144° 51′ 56″	8979.201 [']	Metric Convers	eion Fact	E 2368014.2579 or: 3.28083		
7111 20			Wethe convers	I I uct			FL /(1)
			Geodetic	Latitud	Position NAD 27	NAD 83 X North	Elev.(feet)
			Data		de 97° 12' 06.001787"	West	689.621'
Description of Points:			Field Sketch:				
Berntsen Top Security	monument with access cover s	stamped AR 45				,	1
Located on the east s	side of US 287 between northb	ound lanes					
and northbound servic	e road. 5' west of west back	of curb of northbound				Edite	
service road and halfv	way between northbound Little F	Rd exit ramp					
and Flintshire Dr. 237	r' southeast of the centerline o	of Flintshire.			237		
							V.
					Sell light l		
					161 \ .\ \	3// //	
					(e) \ \		
						/ / / /31	
	Managa OA II					,	
	Mapsco 94-U					\ \	

		CITY OF ARLINGTON	GPS DATA SH	HEET				
Station Name: AR 46		Date: Feb 96	Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP S	 SECURITY	100 00	Horizontal Order: Second Survey Method: GPS X TRAV OTHER			OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999894146770					
Surveyor: M Davis	Surveyor: M Davis				(Coordinates	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON (GPS NETWORK		Grid Data			Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL		X 21033	350.5664	0° 10' 59.476	·0"
Reference Point	Direction	Distance (feet)	Code: 4202	LINIIIAL	Y 3667	71.2357	0 10 33.470	0
			NAD 83		(Coordinates	Plane Azimuth	Anale
			Grid Data		(U.S	Survey Feet)	(Convergenc	
			State: TEXAS		N 6930	945.5091	,	,,
Azimuth Mark	Azimuth	Distance	Zone: NORTH C Code: 4202		F 2379	141.6617	0° 43′ 42.333	34″
AR 37	86° 51' 42"	4250.034	Metric Conversi			3.28083	333333	
	nent with access cover stampe de" location at the southeast te 20. Monument is located a	corner	Geodetic Data Field Sketch:	Latitude	e 97° 0'	NAD 27	NAD 83 [X] North West	604.324'
corner of the concrete parking	ng area. See sketch co 95-Q				PARK SPRINGS BLVD	"Park & I	10' 😂 15'	

CITY OF ARLINGTON	GPS DATA SHEET			
Date: Feb 96	Adjusted Horizontal Control Data			
2000. 100.00	Horizontal Order: Second Survey Method: GPS 🕮 TI		GPS 🛛 TRAV 🖂 OTHER 🖂	
State: TX	Combined Scale Factor:	0.999890059418		
	NAD 27	, Coordinates (Plane Azimuth Angle	
		, , ,	(Convergence)	
<s< td=""><td></td><td>X 2091759.2442</td><td>0° 09' 45.7614"</td></s<>		X 2091759.2442	0° 09' 45.7614"	
Distance (feet)	I I	Y 380456.5358	0 03 45.7014	
	NAD 83 Grid Data	Coordinates (ILS Survey Feet)	Plane Azimuth Angle (Convergence)	
		, , ,	(Gonvergence)	
	Zone: NORTH CENTRAL	14 0311013.7111	0° 42′ 28.6169″	
		E 2367720.7385	0 12 2500100	
5256.668'	Metric Conversion Factor	r: 3.2808	3333333	
	Geodetic Latitude	32° 42' 44.013958"	NAD 83	
	Field Sketch:	* 7		
of Lake Arlington. Daks W and nonument on left in	Lake Arlington	Boat Ramp Parking	RICHARD W.	
Arkansas Lane, go west on Arkansas 0.75 miles to monument on left in traffic island. Island is at south end of parking area and provides a circle drive for the lake house. Monument is located 9' southeast of the most northwesterly radius of said island. Mapsco: 80-U			SIMPSON PARK Arkansas Lane	
	Date: Feb 96 State: TX ks Distance (feet) Distance 5256.668' amped AR 47 e of Lake Arlington. Daks W and nonument on left in and provides a	State: TX State: TX Combined Scale Factor:	Date: Feb 96 Horizontal Order: Second Survey Method: State: TX Combined Scale Factor: 0.999890059418 NAD 27 Grid Data (U.S.Survey Feet) State: TEXAS Zone: NORTH CENTRAL Code: 4202 Y 380456.5358 Distance (feet) Distance Texas (U.S.Survey Feet) State: TEXAS Zone: NORTH CENTRAL Code: 4202 E 2367720.7385 Metric Conversion Factor: 3.2808 Geodetic Data Geodetic Data Field Sketch: Field Sketch: Boat Ramp Parking Parking Parking Parking	

	CITY OF ARLINGTO			HEET				
Station Name: AR 48		Date: November 95			Adjust	ed Horizontal Control Do	ita	
Monument Type: BERNTSEN TOP	SECURITY	Date. Hevelinger de	Horizontal Order: Second Survey Method:		Survey Method:	GPS 🖾 TRAV 🗀	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca			92335378		
Surveyor: M Davis	ODO HETWODY	<u>'</u>	NAD 27 Grid Data	NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON			State: TEXAS X 2118545.2480			(convergence)		
	Prominent & Reference Marks		Zone: NORTH	CENTRAL			0° 12′ 36.5722″	
Reference Point	Direction	Distance (feet)	Code: 4202		Y 3727	26.9642		
			NAD 83 Grid Data		(U.S	Coordinates .Survey Feet)	Plane Azimuth . (Convergence	
			State: TEXAS		N 6937		\	/
Azimuth Mark	Azimuth	Distance	Zone: NORTH Code: 4202	CENTRAL		578.8147	0° 45′ 19.4300″	
AR 51	179° 16' 25"	4172.745'	Metric Convers	sion Fact		3.28083	333333	
			Geodetic		Position	NAD 27	NAD 83 🗓	Elev.(feet)
			Data	1		26.666707" 6'53.828606"	North West	653.015
Description of Points:			Field Sketch:					
Berntsen Top Security mo	onument with access cover stan	nped AR 48.						1
Located in center median	of Matlock, 35' south of the	south bullet nose						
of the Mayfield Road inte	ersection. Monument is 11.8' sc	outhwest of light pole.				Matlock		V
								-N-
			Mayfi	ield		Road		
						\wedge		
						South		
Mc	ipsco 96-H							
	•							

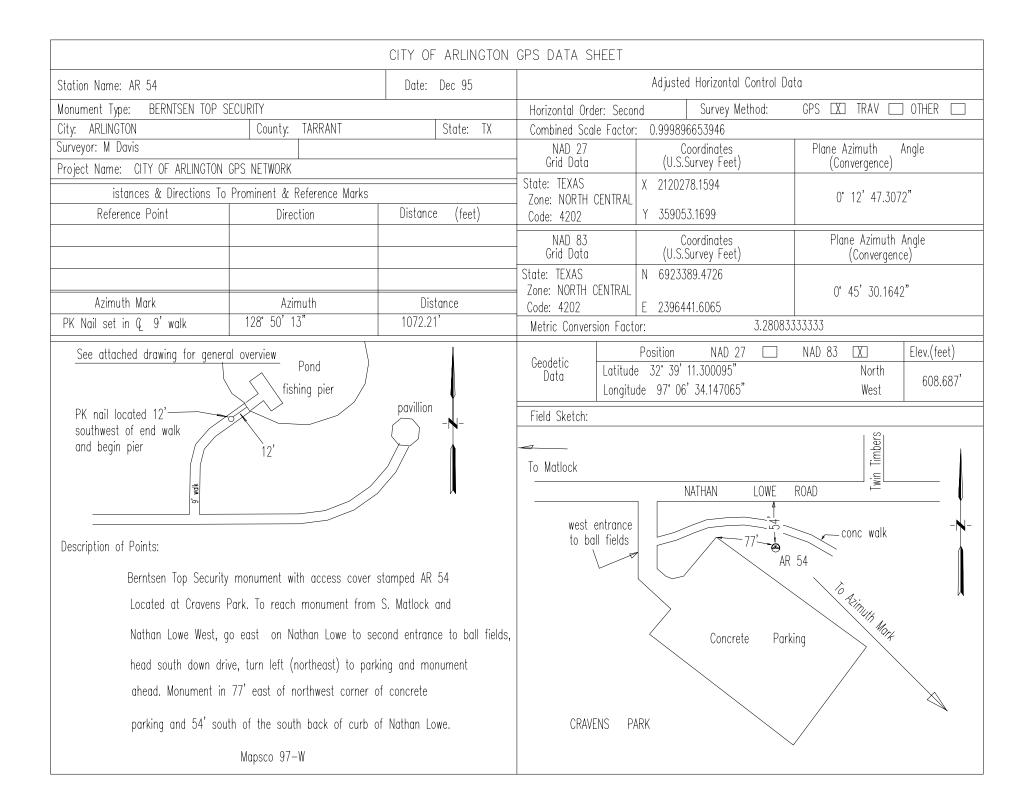
		CITY OF ARLINGTON	GPS DATA SHE	ET			
Station Name: AR 49		Date: Nov 95	Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP	SECURITY	2000 1101 00	Horizontal Order: Second Survey Method:			GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale f	Factor: 0.999	1892227049		
Surveyor: M Davis		1	NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON	GPS NETWORK		State: TEXAS X 2121117.0781			(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH CEN		1117.0701	0° 12' 52.9947"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 37.	3097.9304		
			NAD 83 Grid Data	(1)	Coordinates .S.Survey Feet)	Plane Azimuth (Convergenc	
			State: TEXAS	,	37441.1390	(ourvergence	,0,
Azimuth Mark	Azimuth	Distance	Zone: NORTH CEN	ITRAL		0° 45′ 35.852	6"
AR 50	86° 53′ 46″	2799.892'	Code: 4202 Metric Conversion		<u>97146.9467</u> 3.28083	<u> </u> 	
AIT 50	00 33 10	2733.032	Metric Conversion				[[(
			Geodetic	Position	NAD 27 1' 30.243745"	NAD 83 X	Elev.(feet)
			I Dutu I		06' 23.717271"	West	668.448'
D			Field Sketch:				<u> </u>
Description of Points:			rield Sketcii.				
Berntsen Top Security n	nonument with access cover st	amped AR 49					
Located at the northeas	st corner of Mayfield and Cen	ter Street.			AR 4	9	
Monument is 16' north	of north back of curb of Mayt	field and				, 	V
12' east of the east e	dge of a north —south 4' cond	crete sidewalk alona				<u></u>	N-
Center Street.	ago of a flortiff boatiff f both	oroto ordonant dioring					
ounter street.					ROAI	n	
			WA	IFIELU	NUAL	<u> </u>	
					CENI		
	Mapsco 97-E				1 1		

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 50		Date: Nov 95	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP	SECURITY		Horizontal Order: Se	cond Survey Method:	GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fact	tor: 0.999892192833		
Surveyor: M Davis	Surveyor: M Davis Project Name: CITY OF ARLINGTON GPS NETWORK			Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergence)	Angle
,			Grid Data (U.S.Survey Feet) State: TEXAS X 2123914.1973		(ourvergence)	
Distances & Directions To Prominent & Reference Marks			Zone: NORTH CENTRA		0° 13′ 10.8494″	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 373222.8899		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergenc	Angle e)
			State: TEXAS	N 6937592.7375	(active gains	<u>",</u>
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRA Code: 4202		0° 45' 53.7076	"
AR 49	266° 53′ 46″	2799.892'	Metric Conversion Fa			
		I		Position NAD 27	NAD 83 🗓	Elev.(feet)
			Geodetic	ude 32° 41' 31.375617"	North	
			I Dutu I	itude 97° 05' 50.979521"	West	639.209'
Description of Points:			Field Sketch:			
	onument with access cover sta					
Located at the northeast	corner of Mayfield and Collins			SIREET OO 5,		V
Monument is 2.7' northeo	ast of the curb radius and 28.	5' south of curb inlet.		28.5' AR 50		- -
				2.7		
			MAYFIELD		ROAD	<i>n</i>
				COLLINS		
	Mapsco 97-F					

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 51		Date: Nov 95	Adjusted Horizontal Control Data			
Monument Type: Berntsen Top Ser	curity		Horizontal Order: Second Survey Method: GPS 🖾 TRAV 🗀 OTHER			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fact	tor: 0.999893607449		
Surveyor: M Davis	Surveyor: M Davis			Coordinates	Plane Azimuth Angle	
Project Name: CITY OF ARLINGTON	N GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions To Prominent & Reference Marks			State: TEXAS Zone: NORTH CENTRA	X 2118558.4359	0° 12′ 36.5587"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 368554.1862	0 12 30.3307	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6932873.2529		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRA Code: 4202		0° 45' 19.4165"	
AR 48	359° 16′ 25″	4172.745'	Metric Conversion Fac		<u> </u> 333333	
			Geodetic Latitu	Position NAD 27	NAD 83 X Elev.(feet) North West 692.782'	
Description of Points:			Field Sketch:			
Located in center medi	nonument with access cover stan an of Matlock Road, 5.1' north o n with the westbound I—20 servic	of the bullet		ROAD		
				MATLOCK		
	Mansco 96-M		westbound	1–20	service road	
	Mapsco 96-M					

	CITY OF ARLINGTO					
Station Name: AR 52		Date: Nov 95	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP SEC	CURITY with access cover star	mped AR 52	Horizontal Order: Second Survey Method: G		GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: (0.999894637515		
		·	NAD 27 Coordinates F Grid Data (U.S.Survey Feet)		Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State: X 2118560.6284		(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone:	2110500.0204	0° 12'36.4958"	
Reference Point	Direction	Distance (feet)	Code: Y	365266.9578		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergenc	
				6929586.2436	Convergence	<u> </u>
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	2394665.1778	0° 45′ 19.3535	"
AR 53	179° 33' 22"	3912.096	Metric Conversion Factor:	3.28083	333333	
			Geodetic Po	osition NAD 27 32° 40° 12.847159″ 97° 06° 53.968856″	NAD 83 X North West	Elev.(feet) 656.145'
Description of Points:			Field Sketch:			
Description of Points: Berntsen Top Security Monument located in center of median at the south side of the intersection of South Matlock and Bardin Rd. Monument is located 6.8' south of median nose.			Matlock		1 <i>R52</i>	
Ma	psco 96-R		Bardin	, we have a second of the seco	Road	

	CITY OF ARLINGTON		GPS DATA SHEET				
Station Name: AR 53		Date: Jan 96	Adjusted Horizontal Control Data				
Monument Type: Berntsen Top Se	ecurity		Horizontal Order: Se	cond Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fac	tor: 0.999895895508			
Surveyor: M Davis		1	NAD 27	Coordinates	Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions	To Prominent & Reference Marks	S	State: TEXAS Zone: NORTH CENTR	X 2118553.8066	0° 12′ 36.3607″		
Reference Point	Direction	Distance (feet)	Code: 4202	Y 361354.6772	0 12 00.0001		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6925674.2647			
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRA		0° 45' 19.2178"		
AR 52	359° 33′ 22″	3912.096'	Code: 4202 Metric Conversion Fo	E 2394695.4843			
7111 02		3312.030	Metric Conversion 1				
			Geodetic	Position NAD 27	NAD 83 🔲 Elev.(feet)		
			Data Latitude 32° 39' 34.135550" Longitude 97° 06' 54.217667"		North West 634.697'		
				Jitade 37 00 31.217007	WC3C		
Description of Points:			Field Sketch:				
Berntsen Top Security m	nonument with access cover sto	amped AR 53					
Located in the center n	nedian of Matlock Road, 17'sc	outh of the median nose					
at the south side of th	e intersection with Green Oaks	Blvd SW/SE		SOUTH MATLOCK	-N-		
				200			
			GREEN OAKS BLV				
			SW	SE			
				1 1			
	Mapsco 96-Z						



		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 55		Date: Jan 96	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP	P SECURITY	1	Horizontal Order: Second Survey Method:		GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999898117451		
Surveyor: M Davis		'	NAD 27	Coordinates	Plane Azimuth , A	Angle
Project Name: CITY OF ARLINGTON GPS NETWORK					(Convergence)	
Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2131498.6177	0° 13′ 58.774	19 "	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 354744.3236		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A (Convergence	Angle e)
			State: TEXAS	N 6919187.7203		/
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2407702.4857	0° 46' 41.633	31"
AR 56	63° 48' 07"	1979.622'	Metric Conversion Fact	or: 3.28083	333333	
				Position NAD 27	NAD 83 🗓	Elev.(feet)
			i Dutu i	e 32° 38' 28.231129"	North	
			Longitu	ide 97° 04′ 23.106318″	West	579.913'
Description of Points:			Field Sketch:			
Berntsen Top Security monu	ument with access cover stampe	d AR 55				1
Located in center median	of TCJC Parkway, 650' east of I	New York Avenue	650' To New York TCJC PARKWAY	37' 56 LP	AR 55 .2'	-N-
	Mapsco 112-E			Tarrant County Junio Southeast Campus	•	

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 56		Date: Jan 96	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP S	SECURITY		Horizontal Order: Second Survey Method: GPS XX TRAV C OTHER			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.9	99897828343		
Surveyor: M Davis		'	NAD 27	Coordinates	Plane Azimuth Angle	
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data (U.S.Survey Feet)		(Convergence)	
Distances & Directions To Prominent & Reference Marks			State: TEXAS X 2 Zone: NORTH CENTRAL	133283.1627	0° 14' 10.1801"	
Reference Point	Direction	Distance (feet)		55601.1994	0 11 10.1001	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
				920061.6743	, J ,	
Azimuth Mark	Azimuth	 Distance	Zone: NORTH CENTRAL		0° 46′ 53.0384"	
AR 55	243° 48' 07"	1979.622'	Code: 4202 E 2 Metric Conversion Factor:	409478.7477 3.28083	<u> </u> 333333	
AIV 33	243 40 07	1979.022				
			Geodetic Positi	on NAD 27	NAD 83 💢 Elev.(feet)	
			Data Latitude 32	- 38 - 36.639332 7° 04' 02.194409"	North 581.372'	
				04 02.194409	west	
Description of Points:			Field Sketch:			
Berntsen Top Security mo	nument with access cover stamp	ed AR 56			1	
Located in center median	of TCJC Parkway, 1000' west of	the southbound			ı	
	west, the monument is 17' wes					
Ĭ	west, the monument is 17 wes	st of the beginning			Y	
of the divided pavement.					- N-	
			®		JC PARKWAY	
					oc i altitwat	
				1000'	to southbound 360 service road.	
			-			
			TCJC Southeast Campus			
	Mapsco 112-F					

		CITY OF ARLINGTON	CPS DATA SHEFT		
Station Name: AR 57		Date: Jan 96	Adjusted Horizontal Control Data		
	TOD CECUDITY	Dute. Juli 90	,		
Monument Type: BERNTSEN City: ARLINGTON	TOP SECURITY County: TARRANT	State: TX	Horizontal Order: Second Survey Method: GPS IXI TRAV OTHER		
Surveyor: M Davis	County: TARRANT	State: 1X	Combined Scale Factor: 0.999902353090 NAD 27 Coordinates Plane Azimuth Angle		
Project Name: CITY OF ARLING	TON CDS NETWORK		Grid Data (U.S.Survey Feet) (Convergence)		
			State: TEXAS X 2118211.8279		
	s To Prominent & Reference Marks	D'-1 /r 1)	Zone: NORTH CENTRAL 0° 12′ 33.7453″		
Reference Point	Direction	Distance (feet)	Code: 4202 Y 342755.5521		
			NAD 83 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)		
			State: TEXAS N 6907073.1231		
			= Zone: NORTH CENTRAL 0" 45' 16.6022"		
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2394530.4752		
AR 58	60° 27′ 08″	3660.686	Metric Conversion Factor: 3.28083333333		
			Position NAD 27 NAD 83 X Elev.(feet)		
			Geodetic Data Latitude 32' 36' 30.105083" North 644.280'		
			Longitude 97' 06' 59.013537" West		
Description of Points:			Field Sketch:		
Description of Points: Berntsen Top Security monument with access cover stamped AR 57 Monument is located at the northeast corner of S. Matlock and Mansfield-Webb Monument is 85' east of the centerline of Matlock and 300' +/- north of Mansfield-Webb. Monument is 5' south of fence line and 15' east of fence corner			borbed wire fence 15' 85 AR 57 MANSFIELD-WEBB RD.		
	Mapsco 110-Z				

	CITY OF ARLINGTON GPS DATA SHEET						
Station Name: AR 58 Date: Jan 96		Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SECURITY		Horizontal Order: Second	Survey Method:	GPS 🗓 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999901707092				
Surveyor: M Davis		·	NAD 27	Coordinates	Plane Azimuth 🔍 Angle		
Project Name: CITY OF ARLINGTON	GPS NETWORK		,	.S.Survey Feet)	(Convergence)		
Distances & Directions To	o Prominent & Reference Marks		State: TEXAS X 212 Zone: NORTH CENTRAL	1413.5820	0° 12' 54.2027"		
Reference Point	Direction	Distance (feet)		1530.2625			
			NAD 83 Grid Data (l	Coordinates .S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS N 69)8878.3849	, ,		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL E 23'	97715.0708	0° 45' 37.0593	3"	
AR 57	240° 27′ 08″	3660.686	Metric Conversion Factor:	3.28083	<u> </u>		
		1	Positio	n NAD 27 🖂	NAD 83 [X]	Elev.(feet)	
			Geodetic Latitude 32° 3		North		
			Longitude 97°	06' 21.504751"	West	605.262'	
Description of Points:			Field Sketch:				
Berntsen Top Security monu	ıment with access cover stampe	d AR 58				i	
· · · · · ·	of Mansfield-Webb Road at the						
	15 miles west of Ruidosa Ct. ar	,					
orly Emilian monament to an	TO THIS HOUSE OF HARAGON OUT OF	ia oree east or maneem			* 12.		
					* 100	- -	
			Mansfield City				
			Limit Sign ROAD				
				WEBB	AR 58		
			*	MANSFIELD-WEBB	Arlington City		
			*//	*	Limit Sign		
			*///				
			Northside				
Mapsco 111—S			Church of Chr	ist *			

CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 59 Date: Jan 96			Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP SECURITY		Horizontal Order: Second Survey Method:		GPS [X] TRAV [OTHER [
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999900738152				
Surveyor: M Davis		·	NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON	I GPS NETWORK			(Convergence)			
Distances & Directions T	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2111765.0946	0° 11' 52.7373"		
Reference Point	Direction	Distance (feet)	Code: 4202 Y 347177.5377				
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6911433.1069	,		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL	E 070004040E7	0° 44′ 35.5941″		
			Code: 4202 Metric Conversion Fact	E 2388042.1057 or: 3.28083	777777		
Description of Points: Berntsen Top Security monument with access cover stamped AR 59 Located at the northeast corner of S. Cooper (FM 157) and Commercial Blvd. South			I Dutu I	Position NAD 27	NAD 83 [X] Elev.(feet) North West 673.809' -N- RCIAL BLVD. SOUTH		
Mapsco 110-P							

		CITY OF ARLINGTON	GPS DATA SHEET				
Station Name: AR 60 Date: Jan 96			Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP SECURITY		Horizontal Order: Second Survey Method:		GPS 🗓 TRAV 🗆 OTHER 🗀			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999899907053				
Surveyor: M Davis Project Name: CITY OF ARLINGTON	I CDS NETWORK		NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Plane Azimuth Angle (Convergence)		
,	o Prominent & Reference Marks			X 2112188.6620	00.441 55.40041		
Reference Point	Direction	Distance (feet)	Zone: NORTH CENTRAL Code: 4202	Y 349515.9701	0° 11' 55.4901"		
TROTOTION FORT	Direction	Diotanos (1661)					
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
				N 6913775.4562	(como ganco)		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL	E 2388443.3923	0° 44′ 38.3469"		
AR 59	189° 43′ 17"	2376.474	Code: 4202 Metric Conversion Facto		<u> </u>		
				Position NAD 27	NAD 83 🗓 Elev.(feet)		
			Geodetic IIII	32° 37' 37.210228"	North		
			I Data I	de 97° 08' 09.155881"	West 660.936'		
Description of Points:			Field Sketch:				
Berntsen Top Security monu	ıment with access cover stamp	ed AR 60		1 111			
, , ,	orner of South Cooper (FM 157						
	ncrete walk and 8' west northw		Rehobeth Church	SOUTH COOPER Malk (FM 157)	inlet Harris Road		
	Mapsco 110-P						

CITY OF ARLINGTON GPS DATA SHEET								
Station Name: AR 61 Date: Jan 96			Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SECURITY			Horizontal Order: Second Survey Method: GPS 🛛 TRAV [GPS 🖾 TRAV 🗆	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.9998	399939428		
Surveyor: M Davis			NAD 27		Coordinates Plane Azimuth Angle		Angle	
Project Name: CITY OF ARLINGTON (GPS NETWORK		Grid Data			Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL		X 21065	0/9.0/92	0° 11' 19.7126"	
Reference Point	Direction	Distance (feet)	Code: 4202		Y 34940	05.3787		
			NAD 83 Grid Data		Coordinates (U.S.Survey Feet)		Plane Azimuth Angle (Convergence)	
			State: TEXAS		N 69136	611.4148	, ,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CE Code: 4202	NTRAL	r 17010	D75 1070	0° 44' 02.56	90"
CT 1	279° 18' 37"	5657.642'	Metric Conversio	n Facto	E 2382835.1879 or: 3.28083			
CT 1 is a collular radio	tower, red and white, looking N		mound domination		Position	NAD 27	NAD 83 🗓	Elev.(feet)
CI I IS a cellular radio	tower, rea und writte, looking is	N OO W	Geodetic Data	Latitude 32° 37'			North	
			Long		le 97°09	9' 14.755922"	West	657.874
Description of Points:			Field Sketch:					
Berntsen Top Security monume	ent with access cover stamped	AR 61					*	1
' '	er of Harris Rd. and Calender							
Monument is currently located	inside of a chainlink fence end	closure.					*	
,	side of Calender Rd. at a "T"							Y
with Harris Rd. The monument	is 72' south southwest of nor	theast fence corner					*	-N-
and 9' west of west fence lin	e. This fence was formerly use	d to enclose a water tower					ROAD	1
			*		X	X X X	HARRIS	RD.
			right-of-way for Harris Rd.					
			*	: 01		ower site	*	
				Ul	d water to	ower site		
							X CALENDER	
			\			*		
Mapsco 109-R			\chain	ı lınk er	nclosure –			

		CITY OF ARLINGTON	GPS DATA SHE	 ET				
Station Name: AR 62 Date: Jan 96			Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SECURITY		Horizontal Order:	Horizontal Order: Second Survey Method: GPS [X		GPS 🖾 TRAV 🗀	OTHER		
City: ARLINGTON County: TARRANT State: TX		Combined Scale Factor: 0.999901347348						
Surveyor: M Davis Project Name: CITY OF ARLINGTON GPS NETWORK			NAD 27 Grid Data			Plane Azimuth Angle (Convergence)		
,	Prominent & Reference Marks		State: TEXAS		3729.2034	0° 11' 01.4568"		
Reference Point	Direction	Distance (feet)	Zone: NORTH CEN Code: 4202		5459.6657			
			NAD 83 Grid Data	(U	Coordinates .S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS Zone: NORTH CEN		09638.7855	0° 43′ 44.3130″		
Azimuth Mark	Azimuth	Distance	Code: 4202	E 238	30023.0183			
CT 1	330° 27′ 05″	5618.72'	Metric Conversion Factor: 3.28083333333					
SEE NEXT PAGE FOR LOCATION OF CT 1			Lo		NAD 27	NAD 83 X North West	Elev.(feet) 683.891'	
Description of Points: Berntsen Top Security monument with access cover stamped AR 62 Located along the west side of US 287, north of Turner—Warnell Road. Monument is located 3' east of a fence along the west right—of—way of US 287, 300'+/— north of Mansfield City Limit Sign. Monument is located in line with "Mansfield next 3 exits" sign located between southbound lanes and southbound frontage. Monument is 63' south of a fence corner.			Field Sketch: **Mansfield next 3 exits** **Mansfield City Limit**					

Mapsco 109-U

TURNER-WARNELL ROAD

CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 63 Date: Feb 96			Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP SECURITY			Horizontal Order: Second Survey Method: GPS 🛛 TRAV			OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.99990	0472542		
Surveyor: M Davis		·	NAD 27	C	Coordinates Plane Azimuth Angle		Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)		(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 209365	51.9689	0° 09' 57.2414"	
Reference Point	Direction	Distance (feet)	Code: 4202 Y 347863.2212		3.2212	0 03 37.2111	
			NAD 83 Grid Data	CUSS	oordinates Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 691194		Convergence	0)
			Zone: NORTH CENTRAL	11 00110	10.2010	0° 42′ 40.09	65"
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2369923.4181			
TX 03	319° 31′ 47"	2341.002'	Metric Conversion Fact	or:	3.280833	3333333	
			Condatio	Position	NAD 27	NAD 83 🗓	Elev.(feet)
			Dutu	e 32° 37'		North	706.839
			Longitu	ıde 97° 11'	45.972335"	West	700.000
Description of Points:			Field Sketch:		\		
Berntsen Top Security monument with access cover stamped AR 63 Located on the west side of Mansfield Highway (Old 287) in front of the house at 7500 Mansfield Highway. Monument is 40' west of the centerline of Mansfield Highway and 34' northeast of a fire hydrant and 108' north northeast of the southeast fence corner of 7500 Mansfield Hwy.					MANSFELD	\	- N-
	7500	driv	34' / 108'	O.45 miles to Hudson Cert	Compten Rd		

CITY OF ARLINGTON GPS DATA SHEET						
Station Name: AR 64 Date: Feb 96		Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP SE	CURITY		Horizontal Order: Second	Survey Method:	GPS 🗓 TRAV 🗆 OTHER 🗀	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	0.999896750005		
Surveyor: M Davis		<u>'</u>	NAD 27	Coordinates	Plane Azimuth Angle	
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS X Zone: NORTH CENTRAL	2112405.4292	0° 11′ 57.0769″	
Reference Point	Direction	Distance (feet)	Code: 4202 Y	7 358735.5565	0 11 07.0703	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
				1 6922996.5802	(convergence)	
			Zone: NORTH CENTRAL	1 0322330.3002	0° 44' 39.9342"	
Azimuth Mark	Azimuth	Distance	Code: 4202 E			
Stake tack set in SW corner of 15	5' inlet 169° 42' 45"	2175.320'	Metric Conversion Factor:	3.28083	333333	
Inlet is on west sid	e of Cooper (FM 157), 650' sou	th of Sublett	(Caralatia	osition NAD 27 🔲	NAD 83 🗓 Elev.(feet)	
milet is on most old	0 01 000por (1 m 107); 000 000	an or outlock	j Dulu j	32° 39' 08.433740"	North 646.570'	
			Longitude	97°08'06.245665"	West 646.570	
Description of Points:			Field Sketch:	-V		
Berntsen Top Security mo	onument with access cover stamp	ped AR 64		Park Area	S	
Located on the west side	e of S. Cooper (FM 157), just no	orth of Turf Club.	OB MARK	* Park Area	NTUOS	
	ir the end of a wood fence.			<u>{</u>		
Monument is located nea	ir the end of a wood felice.		\		COOPER -N-	
					\(\frac{1}{2} \)	
					(FM	
				\ \	157)	
				\ \ \ \ @		
				J \		
				JINI GLOD DIN		
				VETERINARIAN		
	Mapsco 110-B					
mapaco 110 D					\	

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 65		Date: Jan 96	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP S	SECURITY		Horizontal Order: Seco	ond Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	r: 0.999895883523		
Surveyor: M Davis	, and METHODIC	,	NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
Project Name: CITY OF ARLINGTON			State: TEXAS	X 2112506.9817	(convergence)	
Distances & Directions 1	To Prominent & Reference Marks		Zone: NORTH CENTRAL		0° 11' 57.7833"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 361370.0209	0 11 07.7000	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6925631.8813	(our regence)	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2388648.9383	0° 44' 40.6404"	
AR 66	269° 55' 17"	4517.083'	Metric Conversion Fac		333333	
Description of Points:			I Dutu I	Position NAD 27	NAD 83 X Elev.(feet) North West 651.302'	
Located in center media	nonument with access cover star an of Green Oaks SW, 21' west e intersection with S. Cooper (FM	of the median nose		SOUTH COOPER (FM 157)	-N-	
	Mapsco 96-X					

		CITY OF ARLINGTON	GPS DATA SHEET				
Station Name: AR 66		Date: Jan 96	Adjusted Horizontal Control Data				
Monument Type: BERNTSEN TOP S	ECURITY		Horizontal Order: Second Survey Method:		X TRAV OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999895866515				
Surveyor: M Davis		,	NAD 27	Coordinates	e Azimuth 🔍 Angle		
Project Name: CITY OF ARLINGTON	I GPS NETWORK		Grid Data		Convergence)		
Distances & Directions T	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAI	X 2107990.0064	0° 11' 28.9664"		
Reference Point	Direction	Distance (feet)	Code: 4202	Y 361406.8569	0 11 20.3001		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6925625.6828	(convergence)		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2384131.8593	0° 44' 11.8232"		
AR 65	89° 55' 17"	4517.083'	Metric Conversion Fac				
			Longit	Position NAD 27 NAD 83 le 32° 39' 35.015798" ude 97° 08' 57.788125"	3 [X] Elev.(feet) North West 589.449'		
Description of Points:			Field Sketch:				
Located at the northeast	nument with access cover stamped corner of Green Oaks SW and Bo curb at approximate mid radius o of crosswalk signal.	wen Road		GREEN OAKS SW			
	Mapsco 95-Z						

		CITY OF ARLINGTON	GPS DATA SHEET						
Station Name: AR 67		Date: Feb 96		Adjusted Horizontal Control Do	ıta				
Monument Type: BERNTSEN TOP SE	ECURITY		Horizontal Order: Seco	nd Survey Method:	GPS 🖾 TRAV 🗀	OTHER			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	,					
Surveyor: M Davis			NAD 27	Coordinates	Plane Azimuth	Angle			
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)				
istances & Directions To	o Prominent & Reference Marks		State: TEXAS	X 2093857.1592	0, 00, 10 0	T (4 "			
Reference Point	Direction	Distance (feet)	Zone: NORTH CENTRAL Code: 4202	Y 369973.0931	0° 09' 58.9	594			
Notoronoc i omit	Direction	Diotalioo (100t)				A 1			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergenc				
			State: TEXAS	N 6934056.8443	Convergence	,,,			
			Zone: NORTH CENTRAL	0301030.0113	0° 42' 41.81	l 48"			
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2369918.2586						
AR 68	26° 22' 37"	2981.367'	Metric Conversion Fact	or: 3.28083	333333				
			0 11:	Position NAD 27	NAD 83 🗓	Elev.(feet)			
			Geodetic Latitud	e 32° 41' 00.217269"	North	COO CAC'			
			Longitu	ide 97° 11′ 42.821638″	West	628.646			
Description of Points:			Field Sketch:						
Located in center median Monument is 5.3' west of	ument with access cover stampe of Green Oaks W, south of Ror west curb of northbound lanes o of the first street light south of ibrary.	nny Snow Dr. of Green Oaks W,	Library	32.8' 5.3'	RONNY SNOW DR				
	Mapsco 94-L			PLEASANT RIDGE F	PLEASANT RIDGE ROAD				

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 68		Date: Feb 96		Adjusted Horizontal Control Do	ata	
Monument Type: Berntsen Top Se	curity		Horizontal Order: Second Survey Method:		GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	or: 0.999892340956		
Surveyor: M Davis		'	NAD 27	Coordinates	Plane Azimuth /	Angle
Project Name: CITY OF ARLINGTO	N GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions	To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2095207.0424	0° 10′ 07.6237"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 372631.4009	0 10 07.0237	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth / (Convergenc	
			State: TEXAS	N 6936727.8201	(Oom vor gorio	<u>~/</u>
A	A * 11	D: 1	Zone: NORTH CENTRAL	-	0° 42' 50.47	95"
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2371242.8104	77777	
AR 67	206° 22' 37"	2981.367'	Metric Conversion Fac	tor: 3.28083	.333333 	
			Geodetic	Position NAD 27	NAD 83 🗓	Elev.(feet)
			Data Latitud	de 32° 41' 26.482799"	North	651.077
			Longit	ude 97° 11′ 26.934582″	West	031.077
Description of Points:			Field Sketch:			
Located in center media Monument is 10' west o	onument with access cover stam n of Green Oaks W, just north of f the west curb of northbound G of steel electric transmission po	f future Mayfield. reen Oaks W.		GREEN OAKS W LOD OF	MAYFIELD	-N- ROAD
	Mapsco 94-H			////	OE	

		CITY OF ARLINGTON	GPS DATA S	HEET				
Station Name: AR 69		Date: Jan 96	Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SE	ECURITY		Horizontal Ord	er: Second		Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	Combined Scale Factor: 0.999892234186				
Surveyor: M Davis		,	NAD 27 Grid Data		(11.0	oordinates Survey Feet)		Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK						(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH CENTRAL		X 211443)9.5899	0° 12′ 10.3769″	
Reference Point	Direction	Distance (feet)	Code: 4202		Y 37304	9.8511		
			NAD 83 Grid Data		C.S.(U.S.	oordinates Survey Feet)	Plane Azimuth (Convergenc	
			State: TEXAS	l N	V 69373		(/
Azimuth Mark	Azimuth	Distance	Zone: NORTH Code: 4202			70.3243	0° 44' 53.2344"	
AR 70	29° 52′ 18″	3263.011'	Metric Convers			3.28083	333333	
				Р	osition	NAD 27	NAD 83 [X]	Elev.(feet)
			Geodetic Data	Latitude	32° 41'	30.007777"	North	
				Longitude 97° 07' 41.859216"		West	674.634'	
Description of Points:			Field Sketch:					
Located at the northeas	monument with access cover si st corner of S. Cooper (FM 15 of curb at approximate mid r	7) and Mayfield Rd.		MAYFIELD		S AR 68		
	Mapsco 96-G							

	CITY OF ARLIN			HEET				
Station Name: AR 70		Date: Jan 96			Adjuste	d Horizontal Control Do	ıta	
Monument Type: BERNTSEN TOP S	ECURITY		Horizontal Orde	er: Second		Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	e Factor:	0.99989	1402683		
Surveyor: M Davis		·	NAD 27		(11.0	Coordinates .	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data		· · ·	Survey Feet)	(Convergence)	
Distances & Directions To	o Prominent & Reference Marks		State: TEXAS Zone: NORTH C		X 21160	91.6331	0° 12' 20.98	50"
Reference Point	Direction	Distance (feet)	Code: 4202		Y 37586	3.7720	0 12 20.30	
			NAD 83 Grid Data		(11.5	Coordinates Survey Feet)	Plane Azimuth (Convergenc	
			State: TEXAS		N 69401	<u> </u>	Convergenc	JE)
1 1 11 1	A * 11	D: 1	Zone: NORTH CENTRAL				0° 45' 03.84	26"
Azimuth Mark	Azimuth	Distance 3263.011'						
AR 69	209° 52' 18"	3203.011	Metric Conversi	ion Factor		3.28083	333333	
			Geodetic		osition	NAD 27	NAD 83 🗓	Elev.(feet)
			Data			57.794256"	North	645.670
			Longitude 97° 07' 22.408640"		West	040.070		
Description of Points:			Field Sketch:					
Berntsen Top Security monument with access cover stamped AR 70 Located at the northwest corner of S. Cooper (FM 157) and California Lane. Monument is 6' west of the west back of curb of Cooper, at approximately the north curb return of said corner.		CALIFO	oncrete ORNIA	parking LANE	AR 70		-N-	
N	lapsco 96-C				/	\sigma_{\text{\text{\$\pi_{\text{\\noderoleft\{\text{\text{\$\pi_{\text{\text{\$\pi_{\text{\\noderoleft\{\text{\\noderoleft\{\text{\\noderoleft\{\text{\\noderoleft\{\text{\\noderoleft\{\text{\\noderoleft\{\text{\$\noderoleft\{\text{\\noderoleft\{\noderoleft\{\noderoleft\{\text{\\noderoleft\{\text{\\noderoleft\{\noderoleft\}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: AR 71		Date: Feb 96	Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SE	ECURITY	•	Horizontal Order: Second Survey Method: GPS □X TRAV □ OTHER □					
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999891397912					
Surveyor: M Davis	ODC METHODY	•	NAD 27 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)					
Project Name: CITY OF ARLINGTON			State: TEXAS					
	Prominent & Reference Marks		Zone: NORTH CENTRAL 7 2110742.4303 0° 11' 46.8426"					
Reference Point	Direction	Distance (feet)	Code: 4202 Y 375861.3663					
			NAD 83 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)					
			State: TEXAS N 6940105.5296					
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL 0' 44' 29.6999"					
PK nail set in inlet	269° 39′ 54″	1010.383'	Code: 4202 E 2386746.6369 Metric Conversion Factor: 3.28083333333					
PK naii set in iniet	209 39 34	1010.363						
Inlet is on the south side of California, 240' east of Parkchester		Parkchester	Geodetic Position NAD 27 NAD 83 X Elev.(feet)					
			Data Laurage 22 41 37.333400 North cas one,					
			Longitude 97" 08' 25.010604" West					
Description of Points:			Field Sketch:					
Located on the south sid Monument is located in t	nument with access cover stam e of California Lane at Beatrice he grass area between the sout concrete driveway on the north	Short Elementary School h right—of—way	CALIFORNIA LANE AR 71 ●					
			concrete driveway					
			BEATRICE SHORT ELEMENTARY SCHOOL 2000 CALIFORNIA					
	Mapsco 96-A							

		CITY OF ARLINGTON	GPS DATA SHEET		
Station Name: AR 72		Date: April 96		Adjusted Horizontal Control	Data
Monument Type: BERNTSEN TOP SE	CURITY		Horizontal Order: Second Survey Method:		GPS 🗓 TRAV 🗆 OTHER 🗀
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	r: 0.999888738891	
Surveyor: M Davis		,	NAD 27	Coordinates	Plane Azimuth Angle
Project Name: CITY OF ARLINGTON	I GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)
Distances & Directions T	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2113253.8219	0° 12′ 03.0831″
Reference Point	Direction	Distance (feet)	Code: 4202	Y 385295.0898	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
			State: TEXAS	N 6949562.6444	(comorganes)
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2389168.1340	0° 44′ 45.9407″
D 183	175° 45' 42"	1415.146	Metric Conversion Fact		
			Longitu	Position NAD 27	NAD 83 X Elev.(feet) North West 632.783'
Description of Points:			Field Sketch:		
Located at "Fielder Park Fielder Rd and the entro	onument with access cover stam ". Monument is at the southwest ance to Fielder Park. 11' west of 1 23' south of the south curb o	corner of the	FIELDER PAR	Park Entrance 22 AR 72 • 11'	HELDER ROAD SMIELL ET E
	Mapsco 82-P				To Park Row

	CITY OF ARLINGTON GPS DATA SHEET							
Station Name: AR 73		Date: Feb 96	Adjusted Horizontal Control Data					
Monument Type: BERNTSEN TOP SE	ECURITY		Horizontal Order: Seco	ond Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	r: 0.999885542411				
Surveyor: M Davis	'	'	NAD 27	Coordinates	Plane Azimuth Angle			
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)			
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2108616.4675	0° 11' 33.7421"			
Reference Point	Direction	Distance (feet)	Code: 4202	Y 397708.0851	3 11 337 12 1			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)			
			State: TEXAS	N 6961930.4926				
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		0° 44′ 16.5989″			
AR 74	85° 19' 30"	4738.542	Code: 4202 Metric Conversion Fac	E 2384412.8401 tor: 3.28083	<u> </u> 			
TWV T	00 10 00	1700.012	Metric Conversion ruc					
		Geodetic Data Position NAD 27 NAD 83 X E Latitude 32* 45' 34.203987" North Longitude 97* 08' 49.031741" West						
Description of Points:			Field Sketch:					
Berntsen Top Security monur	nent with access cover stamped	I AR 73			1			
Monument is located on the	south side of Interstate 30, +	/- 600' east	WESTBOUND 1-30					
I−30 edge of pavement and	534.55' southeast of the south	heast						
	iver Green Oaks NW and Village top of the highest embankmen		E	FASTBOUND 1–30	-N-			
south side of 1–30.	top of the highest embankmen	t on the	534.55' SECONDARY TOP OF SLOPE A					
			MN S		TOP OF SLOPE			
			REEN OAKS	54.81' AR 73	1/2" fir			
WITNESSED BY SIGN DOST				2 3 4 5 6 Lot 7, Block	1 8			
WITNESSED BY SIGN POST			*	Randol Wood 2217 Oakwoo	Sub *			
				OAKWOOD LANE				
11	CO W							
MC	ipsco 68-W							

		CITY OF ARLINGTON	GPS DATA SHEET				
Station Name: AR 74		Date: April 96		Adjusted Horizont	al Control Da	ta	
Monument Type: BERNTSEN TOP S	SECURITY		Horizontal Order: Seco	ond Survey	Method:	GPS [X] TRAV [OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	r: 0.999885463551			
Surveyor: M Davis			NAD 27 Grid Data	Coordinates (U.S.Survey Fee	5+)	Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTO	N GPS NETWORK		State: TEXAS	X 2113342.7303	,,,	(convergence)	
Distances & Directions	To Prominent & Reference Marks		Zone: NORTH CENTRAL			0° 12' 03.9365"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 398049.2174		0 12 00.000	
			NAD 83 Grid Data	Coordinates (U.S.Survey Fee	5+)	Plane Azimuth (Convergenc	Angle
			State: TEXAS	N 6962316.7102	,,,,	Convergence	···)
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL	E 2389135.6162		0° 44′ 46.793	8"
AR 73	265° 19′ 30″	4738.542 [']	Code: 4202 Metric Conversion Fac	<u> </u> 333333			
7111 70	200 10 00	T700.5TZ	Metric conversion ruc				
			Geodetic	Position NAD de 32° 45' 37.420149		NAD 83 X	Elev.(feet)
			I Dulu I	ude 97° 07' 53.66819		West	574.560'
Description of Points:			Field Sketch:				1
Berntsen Top Security m Located in the center m	nonument with access cover stam nedian of N. Fielder, monument is th side of the westbound I—30 s	5' north of the		2, 👁	AR 74		- N -
					Westboo	und service road	
			WESTBOUND	FIELDER	INTER	STATE	30
	W			z			
	Mapsco 68-X		EASTBOUND		INTER	STATE	30

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: AR 75		Date: April 96	Adjusted Horizontal Control Data					
Monument Type: ARLINGTON ALUM	MINUM DISK		Horizontal Order: Second Survey Method: GPS 🔀 TRAV 🖂 (OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999885484	1823				
Surveyor: M Davis			NAD 27 Coordi Grid Data (U.S.Surve	inates .	Plane Azimuth , A	Angle		
Project Name: CITY OF ARLINGTON	N GPS NETWORK		,		(Convergence)			
Distances & Directions T	To Prominent & Reference Marks		State: TEXAS X 2115995.80 Zone: NORTH CENTRAL)22	0° 12' 20.8801"			
Reference Point	Direction	Distance (feet)	Code: 4202 Y 397970.761	19				
			NAD 83 Coordi Grid Data (U.S.Surve	inates ev Feet)	Plane Azimuth / (Convergenc	Angle e)		
			State: TEXAS N 6962263.61	· · · · · · · · · · · · · · · · · · ·	(-/		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		0° 45' 03.737	77"		
AR 76	96° 37′ 55″	2698.042'	Code: 4202 E 2391789.29 Metric Conversion Factor:	951 3.280833				
7111 70	30 07 00	2000.012				Flour/foot)		
			Geodetic Position Latitude 32° 45' 36.5	NAD 27	NAD 83 🗓 North	Elev.(feet)		
			Data Langitude 97° 07' 22.		West	594.357'		
Description of Dainta			Field Sketch:					
'			riola okcion.					
Description of Points: Arlington Aluminum Disk stamped AR 75 Located in top of curb at the northeast corner of the North Davis bridge over Interstate 30.			WESTBOUND I-30 EASTBOUND I-30	NORTH DAVIS ®				
	Mapsco 68-Y							

		CITY OF ARLINGTON	GPS DATA SHE	ET					
Station Name: AR 76		Date: April 96			Adjuste	ed Horizontal Cont	rol Do	ata	
Monument Type: BERNTSEN TOP SEC	CURITY		Horizontal Order:	Secon	nd Survey Method: GPS 🗓 T		GPS 🖾 TRAV 🗀	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.99988	35569051			
Project Name: CITY OF ARLINGTON (GPS NETWORK	·	NAD 27 Grid Data		(U.S.	Coordinates (U.S.Survey Feet)		Plane Azimuth Angle (Convergence)	
,	Prominent & Reference Marks		State: TEXAS		X 21186	72.7821			
Reference Point	Direction	Distance (feet)	Zone: NORTH CEI Code: 4202	NIRAL	Y 39763	33 56 <i>1</i> 3		0° 12′ 37.970)3"
TROTOTOTO TOTAL	Direction	Diotanos (100t)							h 1
			NAD 83 Grid Data		(U.S.	Coordinates Survey Feet)		Plane Azimuth (Convergence	
			State: TEXAS		N 69619			(server gerre	,
1 1 11 11	A · 11	D' I	Zone: NORTH CEN	NTRAL				0° 45′ 20.827	78"
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2394469.2805				0.777777		
AR 75	276° 37' 55"	2698.042'	Metric Conversion	n Facto	r:	5	28083	333333	
			Coodatia		Position			NAD 83 🔀	Elev.(feet)
			I Dutu I			33.119721"		North	616.554
				_ongitu	de 97°06	6' 51.265795"		West	010.554
Description of Points:			Field Sketch:						
Located at the southeas is located 5' back of cu	onument with access cover sto t corner of Cooper and Interst urb at approximate mid radius anal control box with concrete	ate 30, monument and 2' north of	EASTE	BOUND	-	30			\
Mapso	co 68–Z						NORIH COOPER	Eastbound on reaction AR 76 traffic signal control box	amp

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 77		Date: April 96		Adjusted Horizontal Control Data		
Monument Type: ARLINGTON ALUMIN	UM DISK		Horizontal Order: Seco	Horizontal Order: Second Survey Method: GPS X TRAV O		OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor			
,		'	NAD 27	Coordinates	Plane Azimuth A	ngle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2130452.2195	00.471.57.0000	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 397652.1312	0° 13′ 53.206	00
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A	
			State: TEXAS	N 6962082.9181	(como game)	- /
A . 11 A4 1	A . 11	D' I	Zone: NORTH CENTRAL		0° 46′ 36.064	45"
Azimuth Mark	Azimuth	Distance	Code: 4202	E 2406247.9010		
SDHPT S2200175	89° 11' 56"	4456.967	Metric Conversion Fact	tor: 3.28083	5333333	
			Condatio	Position NAD 27 🗆	NAD 83 🗓	Elev.(feet)
			I Dutu I	de 32° 45′ 32.856353″	North	571.747'
			Longitude 97° 04' 33.316508" West			J/1./4/
Description of Points:			Field Sketch:			
Arlington Aluminum Disk sto	amped AR 77					
Located in the center medi	ian of the Ballpark Way bridge (over I-30.		WESTBOUND I-30		
Disk is set in concrete me	dian at south abutment of bridg	ge over main		EACTROLING 1 70		
idnes of the interstate.				EASTBOUND I-30	8	Y
	NO.	GEODETTA		FACTROLING FRONTAGE	WAY.	-N-
	7	.,,,		EASTBOUND FRONTAGE		
	A A	7				
	(6	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			PAR	
	(E,/ /	STANEY STA			BALLPARK	
				COn		
				COPELAND		
				\rightarrow		
1	Mapsco 69-Z			/ /		
	1 =			/ /		

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 78		Date: April 96	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP	SECURITY		Horizontal Order: Seco	Horizontal Order: Second Survey Method: GPS 🕮 TRAV 🗀 01		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	r: 0.999884858996		
Draigat Name of CITY OF ADUNCT	D. J. J. H. OLTV OF ADMINISTRAL ODG HETHODY		NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
Project Name: CITY OF ARLINGTON GPS NETWORK		State: TEXAS	X 2113317.2015	(consignation)		
	To Prominent & Reference Marks		Zone: NORTH CENTRAL		0° 12' 03.8301"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 4000574.6490		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6964841.7594		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2389086.0463	0° 44' 46.6873"	
AR 74	178° 52′ 31″	2525.536'	Metric Conversion Fac		333333	
			1 1/0/0	Position NAD 27	NAD 83 X Elev.(feet) North West 572.958'	
Description of Points:			Field Sketch:			
Berntsen Top Security n	nonument with access cover stamp nedian of North Fielder, 800' north d. Monument is 3.3' east of the e as of Fielder.	n of the	SHACKELFORD JUNIOR HIGH SCHOOL	N Drive 3.3' AR 78 LP 38.5' S Drive	-	
	Mapsco 68-T				To Lomar	

		CITY OF ARLINGTON	GPS DATA SHE	EET					
Station Name: AR 79		Date: April 96		Adjusted Horizontal Control Data					
Monument Type: Berntsen Top Secu	 ırity	· · · · · · · · · · · · · · · · · · ·	Horizontal Order	Horizontal Order: Second Survey Method: GPS 🛛 TRA		GPS [X] TRAV [OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.999884	458388			
D			NAD 27 Grid Data		Co (U.S.Sı	ordinates urvey Feet)		Plane Azimuth (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State: TEXAS		X 211333′			(consignity)	
	ces & Directions To Prominent & Reference Marks		Zone: NORTH CE	ENTRAL				0° 12′ 03.95	70"
Reference Point	Direction	Distance (feet)	Code: 4202		Y 402282	.7011			
			NAD 83 Grid Data		Co (U.S.Sı	ordinates urvey Feet)		Plane Azimuth (Convergenc	Angle
			State: TEXAS		N 696654			(contorgene	,,,,
Azimuth Mark	Azimuth	Distance	Zone: NORTH CE Code: 4202		E 238908			0° 44′ 46.8′	141"
AR 78	179° 55' 10"	1708.104	Metric Conversio	on Facto		0.0 171	3.280833	<u>. </u>	
Monument is located in the ce the north driveway of 2121 N. the southbound lanes of N. Fie pole. Monument is 16' northwe	nt with access cover stamped A nter median of North Fielder, ac Fielder. Monument is 6' east o elder, and 27' north northwest c st of an 8" elm.	djacent to f the west curb of		Latitude	Position 32° 46' 1 de 97° 07' AR 79	NAD 27 9.312233" 53.631015"	North	NAD 83 X North West drive	Elev.(feet) 561.135'
Monument is +/- 250' north	of Russwood Mapsco 68-P/T			Rus	swood		South		

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 80		Date: April 96	Adjusted Horizontal Control Data			
Monument Type: BERNTSEN TOP SE	ECURITY		Horizontal Order: Seco	GPS 🖾 TRAV 🗆 OTHER 🗀		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999884191887		
Designat Name of CITY OF ADUNICTON CDC NETWOD!		NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
Project Name: CITY OF ARLINGTON GPS NETWORK		State: TEXAS	X 2113337.3222	(contengence)		
	Directions To Prominent & Reference Marks		Zone: NORTH CENTRAL		0° 12' 04.0227"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 403434.9973		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6967702.1621	3 /	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2389078.9176	0° 44′ 46.8798″	
AR 79	179° 45' 53"	1152.310'	Metric Conversion Fact		333333	
			i Dulu i	Position NAD 27	NAD 83	
Description of Points:			Field Sketch:			
Located in the center medi the first street light south	ument with access cover stampe ian of North Fielder, 105' south of Chimney Hill. Monument is of the southbound lanes of Fie	of	CHIMNE HILL	Y	-N-	
				AR 80 4.5' AR 80		
				73.6' NORTH		
Mapsc	o 68-T			O LP		

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 81		Date: June 96	ļ.	Adjusted Horizontal Control Do	ıta	
Monument Type: BERNTSEN TOP SE	CURITY		Horizontal Order: Second Survey Method: GPS X		GPS 🛛 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0	.999895919826		
Project Name: CITY OF ARLINGTON	CPS NETWORK		NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergence)	Angle
Distances & Directions To Prominent & Reference Marks			2113685.1285			
Reference Point	Direction	Distance (feet)	Zone: NORTH CENTRAL	701000 0007	0° 12' 05.297	3"
Reference Point	Direction	Distuice (leet)		361262.8227		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A (Convergence	
				6925535.8852	(containguite	<u> </u>
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL	2389828.0542	0° 44′ 48.154	6"
AR 65	274° 39′ 16″	1183.017'	Metric Conversion Factor:	3.28083	333333	
	1	I	Geodetic Latitude 32	sition NAD 27 39' 33.397663" 97° 07' 51.173160"	NAD 83 X North West	Elev.(feet) 664.754
Description of Points:			Field Sketch:			
Monument is located South Service Center. 1100' east of Cooper	monument with access cover at the City of Arlington, Water Monument is on the south sic Monument is located west of ter andnorth of the center of a	Department le of Green Oaks SE the entrance	GREEN GREEN GREEN	OAKS BLVD SE AR 81 planter Softings	conc Water Admin South Service Center	parking
	Mapsco 96-X					

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 82		Date: Feb 96	Adjusted Horizontal Control Data			
Monument Type: ARLINGTON ALUMIN	NUM DISK	_ I	Horizontal Order: Seco	cond Survey Method: GPS 🛛 TRAV 🗌 OTHER 🗌		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	or: 0.999888279331		
			NAD 27 Grid Data	Coordinates Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON	GPS NETWORK			(U.S.Survey Feet) (Convergence)		
Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2098172.0898 0° 10' 26.8247"			
Reference Point	Direction	Distance (feet)	Code: 4202	Y 386951.6685		
			NAD 83 Grid Data	Coordinates Plane Azimuth Angle (U.S.Survey Feet) (Convergence)		
			State: TEXAS	N 6951075.3946		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	0° 43' 09.6807"		
BROWNNING	72° 14' 31"	7715.431	Metric Conversion Fac			
		1		Position NAD 27 NAD 83 X Elev.(feet)		
			Geodetic Latitud	ide 32° 43′ 48 097801″ North		
			Longit	itude 97° 10′ 51.728607" West 529.865′		
Description of Points:			Field Sketch:			
Arlington Aluminum Disk s Set in the sidewalk at th southeast corner of the	e abutment at the Green Oaks bridge over Division	Street (US 180).		DOTTIE LYNN PKWY		
			DIVISION	STREET US 180		
	0F/A	ST ST				
	TO T	TIS		● AR 82		
	Mapsco 81-J	TA YOU		GREEN OAKS W		

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 83		Date: Sept 96	Adjusted Horizontal Control Data			
Monument Type: Berntsen Top Sec	urity		Horizontal Order: Seco	nd Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999895174790		
		'	NAD 27	Coordinates	Plane Azimuth , /	Angle
Project Name: CITY OF ARLINGTON	Project Name: CITY OF ARLINGTON GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)	
Distances & Directions To	Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2130251.2605	0° 13' 51.046	.80"
Reference Point	Direction	Distance (feet)	Code: 4202	Y 363628.2686	0 13 31.040	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth ((Convergenc	
			State: TEXAS	N 6928058.4447	(out ver gette	
A = 1 - 1 - 1 - 1 - 1	A : 11	D'. L.	Zone: NORTH CENTRAL		0° 46′ 33.904	14"
Azimuth Mark AR 84	Azimuth 179° 20′ 09"	Distance 5895.399'	Code: 4202	E 2406370.5750	77777	
AIT 04	179 20 09	2092.399	Metric Conversion Fact	or: 3.280833	33333	
			Geodetic	Position NAD 27	NAD 83 🗓	Elev.(feet)
			Data Latitua	e 32° 39′ 56.182188″	North	577.659
			Longitu	de 97°04'37.277128"	West	017.000
Description of Points:			Field Sketch:			
To reach monument fro eastbound I—20 service	nonument with access cover stam m the intersection of New York A road, go south on New York for Go north on gravel drive to fenc it. Monument is 20' west and 5'	we and the 0.75 miles		05-1 oT	X X Trailer House X X gravel drive	X
	Mapsco 97-V					

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 84		Date: Sept 96		Adjusted Horizontal Control D	ata	
Monument Type: BERNTSEN TOP S	ECURITY		Horizontal Order: Seco	nd Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗆	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999897106542		
	L ODO NETWORK		NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Plane Azimuth Angle (Convergence)	
Project Name: CITY OF ARLINGTON			State: TEXAS	X 2130263.4535	(convergence)	
	Distances & Directions To Prominent & Reference Marks		Zone: NORTH CENTRAL		0° 13' 50.97315"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 357732.8894		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6922163.4404	(ourvergence)	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL		0° 46' 33.8309"	
AR 83	359° 20' 09"	5895.399'	Code: 4202 Metric Conversion Fact	E 2406438.8996 or: 3.2808		
711 00	1 27 27 27	0000.000	Geodetic Latitud	Position NAD 27	NAD 83 X Elev.(feet) North West 592.443'	
Description of Points:			Field Sketch:		iicst	
Located in the center me north of the median nose	nument with access cover stamp dian of New York Ave. Monumen e at the intersection with Sublet the west curb of the northbour	t is 258' :t Road.		AR 84 (2.5)	-N-	
Ma	psco 111-D		SUBLETT	NEW Y0F	ROAD	

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 85		Date: Sept 96		Adjusted Horizontal Control Data		
Monument Type:			Horizontal Order: Seco	ond Survey Method: GPS 🔀 TRAV 🖂 OTHER 🗀		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	or: 0.999898086420		
		NAD 27 Grid Data	Coordinates Plane Azimuth Angle (U.S.Survey Feet) (Convergence)			
Project Name: CITY OF ARLINGTON GPS NETWORK		State: TEXAS	X 2126865.2185			
Distances & Directions To Prominent & Reference Marks		Zone: NORTH CENTRAL				
Reference Point	Direction	Distance (feet)	Code: 4202	Y 354817.7392		
WBAP tower at Cedar Hill	118° 37' 33"	39449.169'	NAD 83 Grid Data	Coordinates Plane Azimuth Angle (U.S.Survey Feet) (Convergence)		
			State: TEXAS	N 6919216.0858		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL			
AR 24	358° 23′ 34″	6310.710'	Code: 4202 Metric Conversion Fac			
711 21		0010.710	Wettic Conversion Fuc			
			i Dulu i	Position NAD 27 NAD 83 Elev.(feet) de 32 38 29.131327" North cude 97 05 17.293642" West		
Description of Points:			Field Sketch:			
Located in the center monor TCJC Parkway. Monum	onument with access cover stan edian of S. Collins, 66' north o ent is currently 19.6' northeast nd of concrete median curbs.	f the centerline		SOULLINS		
				AR 85 (3) 19.6' (3) 19.0'		
	Mapsco 111-G			TCJC /// PARKWAY		

		CITY OF ARLINGTON	GPS DATA SH	EET				
Station Name: AR 86		Date: Feb 97		Adjusted Horizontal Control Data				
Monument Type: Berntsen Top Sec	curity		Horizontal Order: Second Survey Method: GPS X TRAV		GPS 🖾 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:	0.99988	34169446		
	. I M. OLTV OF ADMINISTRAL ODG METHADIV		NAD 27 Coordinates Grid Data (U.S.Survey Feet)		Coordinates Survey Feet)	Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON			State: TEXAS		X 21238		(ourror gorros)	
	s To Prominent & Reference Marks		Zone: NORTH C		2.200	7217601	0° 13′ 11.328	321"
Reference Point	Direction	Distance (feet)	Code: 4202		Y 40357	71.0351		
			NAD 83 Grid Data		(U.S.	Coordinates Survey Feet)	Plane Azimuth (Convergence	Angle
			State: TEXAS		N 69679		(:-/
Azimuth Mark	Azimuth	Distance	Zone: NORTH CE Code: 4202			12.0668	0° 45' 54.18	34"
AR 87	96° 37′ 44″	2496.268'	Metric Conversi	on Facto		3.28083	333333	
			Geodetic Data		Position 32° 46'	NAD 27	NAD 83 🗓 North	Elev.(feet)
				Longitud	de 97°05	5' 50.107082"	West	577.954
Description of Points:			Field Sketch:					
Berntsen Top Security n Located at the northwes Monument is 9' west of	nonument with access cover star st corner of N. Collins (FM 157) west edge of Collins and 25'r s 52.5' north of the centerline	and Brown Blvd. northeast of traffic	DITTO GOLF COURSE	* *	* *	* PP 32' 9' SUNTOO N. ROWN	BLVD	-N-
	Mapsco 69-P							

		CITY OF ARLINGTON	GPS DATA SHEET		
Station Name: AR 87		Date: Feb 97	Adjusted Horizontal Control Data		
Monument Type: Berntsen Top Sec	 curity		Horizontal Order: Secon	nd Survey Method:	GPS 🛛 TRAV 🗆 OTHER 🗆
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	0.999884243390	
Surveyor: M. Davis	Surveyor: M. Davis		NAD 27	Coordinates	Plane Azimuth Angle
Project Name: CITY OF ARLINGTON	I GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)
Distances & Directions To Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X 2126349.4988	0° 13′ 21.1421″	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 403259.2906	0 10 21.1421
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
			State: TEXAS	N 6967650.5753	, ,
Azimuth Mark	Azimuth	 Distance	Zone: NORTH CENTRAL Code: 4202	E 2402091.6468	0° 46' 09.9977"
AR 86	276° 37' 44"	2496.268'	Metric Conversion Factor		333333
				Position NAD 27	NAD 83 [X] Elev.(feet)
			Geodetic Latitude	e 32° 46′ 28.500713"	North
			Longitu	de 97° 05' 21.110976"	West 600.892'
Description of Points:			Field Sketch:		
Located at the northeast Monument is 23' east of	onument with access cover stamp corner of Brown Blvd. and Cany the centerline of Canyon Ridge on. Monument is 6' north of powe	on Ridge Ct. and 39.5' north		BROWN RIDGE CT	MEANDERING WAY 5.2
	Mapsco 69-Q				MEAN

		CITY OF ARLINGTON	GPS DATA SHEET		
Station Name: AR 88		Date: Mar 97	Adjusted Horizontal Control Data		
Monument Type: Brass disk set in	concrete		Horizontal Order: Second Survey Method: GPS 🕮 TRAV 🗀 OTHER 🗀		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor: 0.999884243390		
Surveyor M. Davis		,	NAD 27 Coordinates Plane Azimuth Angle		
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data (U.S.Survey Feet) (Convergence)		
Distances & Directions To	Distances & Directions To Prominent & Reference Marks		State: TEXAS X 2115985.7717 O* 12' 20.9083"		
Reference Point	Direction	Distance (feet)	Code: 4202 Y 401991.5227		
			NAD 83 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)		
			State: TEXAS N 6966284.2346		
			Zone: NORTH CENTRAL 0° 45' 03.7620"		
Azimuth Mark	Azimuth	Distance	Code: 4202 E 2391740.3952		
AR 75	179° 18' 12"	4020.919'	Metric Conversion Factor: 3.28083333333		
			Coodatio Position NAD 27 NAD 83 X Elev.(feet)		
			Geodetic Data Latitude 32° 46' 16.340437" North 562.421'		
			Longitude 97° 07' 22.556399" West 302.421		
Description of Points:			Field Sketch:		
Brass disk set in center Disk is stamped AR 88. I at the Tomlin Lane inters of northbound lanes.	median of N. Davis Dr. Disk is 214' south of the medi ection. Disk is 7' west of west	an nose curb	TOMLIN LN GIBBINS FAMILY CEMETERY AR 88 Concrete fence		
1	Mapsco 68-U				

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: AR 89		Date: Mar 97		Adjusted Horizontal Control Da	rta	
Monument Type: Brass Disk			Horizontal Order: Sec	econd Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fact	tor: 0.999884048739		
D : I N CITY OF ADUNCTON	ODC NETWORK		NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A (Convergence)	Angle
Project Name: CITY OF ARLINGTON			State: TEXAS	X 2118614.8361	(containguines)	
	Prominent & Reference Marks		Zone: NORTH CENTRA		0° 12′ 20.908	.3"
Reference Point	Direction	Distance (feet)	Code: 4202	Y 404078.0701		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth A (Convergence	Angle :e)
			State: TEXAS	N 6968395.7087	(convergence	<u>~/</u>
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRA Code: 4202		0° 45' 20.605	56"
AR 90	178° 12' 04"	2832.09'	Metric Conversion Fa		333333	
		1	04-1:-	Position NAD 27	NAD 83 [X]	Elev.(feet)
			i Dulu i	ude 32° 46′ 36.893131″	North	538.428
			Long	gitude 97° 06' 51.673196"	West	JJ0.420
Description of Points:			Field Sketch:			
West side of N. Cooper, Beady Road.	ner of 10' recessed curb inlet 150' south of the centerline of		Drive		2429 ooper	
N	lapsco 68-R					

		CITY OF ARLINGTON	N GPS DATA SHEET						
Station Name: AR 90		Date: Mar 97		Adjusted Horizontal Control Data					
Monument Type: Brass disk			Horizontal Order: Seco	nd Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗀				
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.999884705041					
D ' I N CITY OF ADUNCTON	L ODG NETWODY		NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)				
Project Name: CITY OF ARLINGTON			State: TEXAS	X 2118676.7924	(ssinsiganos)				
	o Prominent & Reference Marks		Zone: NORTH CENTRAL		0° 12′ 38.0807"				
Reference Point	Direction	Distance (feet)	Code: 4202	Y 401246.6541					
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)				
			State: TEXAS	N 6965565.0096	(como genes)				
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2394438.4008	0° 45' 20.9350"				
AR 89	358° 12' 04"	2832.09'	Metric Conversion Fact		333333				
			Geodetic Latitud	Position NAD 27	NAD 83 X Elev.(feet) North West 547.930'				
Description of Points:			Field Sketch:						
East side of N. Coop centerline of Rocky C	theast corner of 10' inlet. er, 40' south of the anyon Ct.		Rocky Co	North Cooper Street North Cooper Street	ocky Canyon Ct.				

		CITY OF ARLINGTON	N GPS DATA SHEET							
Station Name: ARL		Date: 1947		Adjusted Horizontal Control D	ata					
Monument Type: Standard Triangula	tion Disk Stamped "ARL 1947"		Order: FIRST	Survey Method:	GPS TRAV	OTHER X				
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fact	or: 0.99988777						
Surveyor: USC&GS		,	NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)					
Project Name: CITY OF ARLINGTON	GPS NETWORK		State:	χ	(convergence)					
Distances & Directions T	Prominent & Reference Marks		Zone:	٨						
Reference Point	Reference Point Direction Distance (feet)		Code:	Υ						
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth / (Convergenc					
			State: TEXAS	N 6,953,416.558						
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRA Code: 4202	L F 2,406,374.708	0° 46' 36.1"					
			Metric Conversion Fa	ctor: 3.28083	333333					
				Position NAD 27 \square	NAD 83 🗓	Elev.(feet)				
				ude 32° 44′ 07.08959″	North					
			Longi	tude 97° 04' 33.20738"	West	626.17				
Description of Points:			Field Sketch:							
Standard triangulation disk set in monument flush with the ground To reach station, go west on Ab for 0.7 miles to monument on le of a pull thru in median, 12' sour and 13' north of the north curb of the north curb of the station is a control point, It does not have an azimuth response.	stamped ARL 1947. rams Street from State Highway ft in median. 68' east of east h of south curb of west bound f the east bound lane. AD 83 only. it miscloses with "BOWMAN 193"	curb Iane	WEST REPORTED	Dirt Driveway Concrete Parking Apartment Bldg Abartment Bldg Abartment Bldg Abartment Bldg	Chain link fence © SW corner General N 202.15' O 27' ELM ABF 0.7 miles to 360	ARL1				

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: ARL 1		Date: 1947		Adjusted Horizontal Control Da	ta	
Monument Type: Standard U.S.C.&	G.S. Reference Disk		Horizontal Order: Secon	nd Survey Method:	GPS 🖾 TRAV 🖂 (OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:	0.999887758269		
D N. N OLTV OF ADUMOTON	ODC NETWODI/	,	NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Ang (Convergence)	gle
Project Name: CITY OF ARLINGTON			State: TEXAS	X	(comorganos)	
	Prominent & Reference Marks		Zone: NORTH CENTRAL			
Reference Point	Reference Point Direction Distance (feet)		Code: 4202	Y		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth And (Convergence)	gle
			State: TEXAS	N 6953464.2329	,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 24066552.9923	0° 46' 37.2665"	
AR 34	89° 26′ 18″	4187.604	Metric Conversion Factor		333333	
			Geodetic Latitude	Position NAD 27 e 32° 44′ 07.537376" de 97° 04′ 31.112657"	NAD 83 X E North West	Elev.(feet) 624.80'
Description of Points:			Field Sketch:			
184.4 northeast of station A by going west on Abram 0.7 to station on right. Station of westbound lanes of West of a chain link fence at the	7 miles from Highway 360 is 9.35 feet north of north curb Abram, 202.15 feet southeast s southwest corner of General Mo a power pole, and 45.5 feet no	tors.	WEST	Apartment Bldg Concrete Parking Apartment Bldg Concrete Parking	o PP	ARL1
,	Mapsco 84—J		PS Tiles	2018 WEST ABRAM		

			CITY OF	ARLINGTON	GPS DATA S	HEET				
Station Name: GP01			Date:	2/90			,	Adjusted Horizontal Control Da	ta	
Monument Type: GPS TOP SECURIT	Y ROD MONUM	ENT			Horizontal Ord	er: SEC	ONC	Survey Method:	GPS 🖾 TRAV 🗀	OTHER
City: FORT WORTH	County:	TARRANT		State: TX	Combined Sca).999880971		
Surveyor: McGUINNESS					NAD 27		Coordinates		Plane Azimuth Angle	
Project Name:					Grid Data			(U.S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & f	Reference Marks			State: TEXAS Zone: NORTH	CENITR AI	Х			
Reference Point	Direc	ction	Distance	e (feet)	Code: 4202	OLIVIIVAL	Y			
					NAD 83			Coordinates	Plane Azimuth A	
					Grid Data			(U.S.Survey Feet)	(Convergence	e) -
					State: TEXAS Zone: NORTH	^ENITD AT	N	6,983,145.023	00° 47'-10.60	10"
Azimuth Mark	Azir	nuth	Dis	tance	Code: 4202	JENIKAL	E	2,411,367.907	00- 47-10.00	19
COA WATER TOWER	268°	00' 00"			Metric Convers	sion Fact	or:	-, ,		
							Pos	sition NAD 27 🗆	NAD 83 🔲	Elev.(feet)
					Geodetic Data	Latitude		38-° 49'-00.56460 " N		462.556
					Data	Longitu	de	97-° 03'-29.97620 " W		402.330
Description of Points:					Field Sketch:					
FROM THE INTER NORTHBOUND FR THE FRONTAGE F RIGHT. THE STAT THE NORTHBOUN EAST SOUTHEAS W/REFLECTOR, 6	ONTAGE ROAD ROAD 4600 FE TION IS 41 FEE D LANE OF ST T OF THE SOU 1 FEET SOUTH ND 113.5 FEET	VERSIDE PARKWAY OF S.H.360 GO N ET TO THE STATIO T EAST OF THE C TATE HIGHWAY 360 TH MOST GUARD F WEST OF THE WES SOUTHWEST OF T DAD	ORTH ALONG N ON THE ENTERLINE C , 21 FEET RAIL POST T LEG OF		NORTH N. T. S.		4	NORTHBOUND S.H. 360 41'0, All the congrutations of the congruence of the congru	OK -8 1. RAILROAD NAD-83 Az= 150:0944 PS 12 - 150:0944 NAD-83 Az= 150:0944	

		CITY OF ARLINGTON	GPS DATA SHEET	
Station Name: GP06		Date: 2-90	Adjusted Horizontal Control Data	
Monument Type: GPS TOP SECURIT	Y ROD MONUMENT		Horizontal Order: SECOND Survey Method: GPS 🔀 TRAV 🗆 OTHER	
City: GRAND PRAIRIE	County: TARRANT	State: TX	Combined Scale Factor: 0.999884304	
Surveyor: McGUINNESS			NAD 27 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)	
Project Name:			State: TEXAS X	
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH CENTRAL	
Reference Point	Direction	Distance (feet)	Code: 4202 Y	
			NAD 83 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)	
			State: TEXAS N 6,967,503.637	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL 00°- 47' - 04.219" Code: 4202 E 2,410,582.070	
TOP RED LIGHT ARLINGTON WATER TOWER	252 °15' 43"		Metric Conversion Factor:	
OF AVENUE K HIGHWAY 360. SAID NORTHBOI CENTERLINE OF 18 FEET SOUTH SOUTHWEST OF	THE NORTHEAST CORNER OF THE AND THE NORTHBOUND FRONTAGE STATION IS 36 FEET EAST OF TOUR OF THE SOUTH MOST SOUTHWEST ER TEXTRON BUILDING.	GE ROAD OF STATE THE CENTERLINE OF NORTH OF THE DF A POWER POLE, 235 FEET WEST	Geodetic Data Latitude 32 ° 46' 25.91098 " N 547.836 Longitude 97 ° 03' 41.69367" W Field Sketch: Bell Helicopter Text 1000 1000 1000 1000 1000 1000 1000 10	ô

		CITY OF ARLINGTON	GPS DATA SHEET		
Station Name: GP07		Date: 2-90	Adj	justed Horizontal Control D	ata
Monument Type: GPS TOP SECURIT	TY ROD MONUMENT		Horizontal Order: SECOND	Survey Method:	GPS 🖾 TRAV 🗆 OTHER 🗆
City: GRAND PRAIRIE	County: TARRANT	State: TX	Combined Scale Factor:	0.999885368	
Surveyor: McGUINNESS			NAD 27 Grid Data (Plane Azimuth Angle (Convergence)	
Project Name:			State: TEXAS X	(U.S.Survey Feet)	(convergence)
	Prominent & Reference Marks		Zone: NORTH CENTRAL		
Reference Point	Direction	Distance (feet)	Code: 4202 Y		
			NAD 83 Grid Data (Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)
				6,963,103.601	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL E	2,418,220.896	00°- 47' - 52.620 "
TOP RED LIGHT WBAP RADIO TOWER	162 °46' 03"		Metric Conversion Factor:		
INTERSTATE HI AT THE NORTH PERRY ROAD OF THE CENTE NORTH OF THE SOUTH OF THE AND 49 FEET	NTER OF DUNCAN PERRY ROAD GHWAY 30, GO NORTH 700 FEE HEAST CORNER OF THE INTERSE AND EAST AVENUE H. STATION I RLINE OF DUNCAN PERRY ROAD E CENTERLINE OF EAST AVENUE E SOUTHWEST CORNER OF FIRE SOUTHWEST OF THE SOUTHEAST TION NUMBER 4.	T TO THE STATION CTION OF DUNCAN S 52 FEET EAST , 28.5 FEET H, 30.5 FEET STATION NUMBER 4	Geodetic Data Latitude Longitude Field Sketch:	32 ° 45' 41.32897 " NONNCAN PERRY ROAD 25' 15' 15' 15' 15' 15' 15' 15' 15' 15' 1	W Soliton

			CITY OF	ARLINGTON	GPS DATA S	HEET					
Station Name: GP14			Date:	1-91			Adj	iusted Horizont	al Control Dat	ta	
Monument Type: GPS TOP SECURITY	ROD MONUMENT	-			Horizontal Ord	der: SEC	OND	Survey	Method:	GPS 🖾 TRAV [OTHER
City: GRAND PRAIRIE	County: 1	TARRANT		State: TX	Combined Sco	ıle Factor		0.99988991	7		
Surveyor: McGUINNESS					NAD 27			Coordinates		Plane Azimuth	Angle
Project Name:					Grid Data			(U.S.Survey Fee	et)	(Convergence))
istances & Directions To	Prominent & Ref	ference Marks			State: TEXAS Zone: NORTH	∩ENITR A I	Х				
Reference Point	Directio	on	Distance	(feet)	Code: 4202	CLIVINAL	Y				
					NAD 83 Grid Data			Coordinates U.S.Survey Fee		Plane Azimut (Converge	h Angle ence)
					State: TEXAS			6,945,663.291	,	, ,	,
Azimuth Mark	Azimu	th	Disto	nce	Zone: NORTH Code: 4202	CENTRAL		2,416,406.570		00°- 47'- 39.49	90 "
AIRPORT TOWER MOST WESTERLY TOP RED LIGHT	181 ° 55' 23	3"			Metric Conver	sion Fact	or:				
					0 111		Positi	on NAD	27 🗆	NAD 83	Elev.(feet)
					Geodetic Data	Latitud	е		9.01494 "N		562.149
						Longitu	de	97°02'3	7.02359 "W		
Description of Points:					Field Sketch:						
FROM THE INTE	RSECTION OF SPU	IR 303 AND GRI	FAT SOUTHWE	T2		ı	1	1 .	1	1	Sherwin Williams
	ORTH ALONG GRE				NORTH		5	6" Live Oak			
					N.T.S.	ノー					Locksmith
FEET TO THE S	TATION IN THE MI	EDIAN . THE STA	ATION IS 15.5		- K	1		\			LockSillitii
FEET WEST OF	THE CENTERLINE	OF THE NORTHE	BOUND LANE		WAREHO	i i		\bigs \b		Parking Lot	T. A
OF GREAT SOUT	THWEST PARKWAY	, 25.5 FEET EAS	ST OF THE		rb furwiture warehouse		25.5	1 10.0			The Alpha Group
CENTERLINE OF	THE SOUTHBOUN	D LANE, 62 FEE	T NORTH OF		RB FUR	Vay		62.0)	
	E EXTENSION OF .					Parkway		, I	C /I	Entrance D	/W
	15.5 FEET SOUT			DEE		west		Municipal Air 181: 55 23 71			
IIIL LAST AND	13.3 TELT 3001	ITILAST OF A 0	LIVL UAN II	\LL.		Great Southwest		181 - 181 -			
						Great	‡	NAD-83 Grd Az: - 16.P.			
							To Lie	NAD-8		Parking Lot	Studio B 6
					303	<i>)</i> ¦	'	l l		I diking Lot	
					To Spur 303 650 ' +/-	_			5		•
					\ \frac{1}{2}						
					1	1				T. Control of the con	

	ARLINGTON	GPS DATA S	HEET							
Station Name: GP17			Date:	2-90			А	djusted Horizontal Control Da	ta	
Monument Type: GPS TOP SECURIT	Y ROD MONUME	NT			Horizontal Ord	der: SEC	OND	Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: GRAND PRAIRIE	County:	TARRANT		State: TX	Combined Sco			0.999893910		
Surveyor: McGUINNESS					NAD 27			Coordinates	Plane Azimuth , A	Angle
Project Name:					Grid Data			(U.S.Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & I	Reference Marks			State: TEXAS Zone: NORTH	∩ENITD A I	X			
Reference Point	Direc	ction	Distance	e (feet)	Code: 4202	CLIVIIVAL	Υ			
					NAD 83 Grid Data			Coordinates (U.S.Survey Feet)	Plane Azimuth / (Convergenc	
					State: TEXAS		N	6,932,147.428	Convergenc	<i>e)</i>
					Zone: NORTH	CENTRAL	l IN	0,332,177.720	00°- 47' - 16.774	n
Azimuth Mark		muth	Dist	ance	Code: 4202		Е	2,413,033.907		
TOP RED LIGHT WBAP RADIO TOWER	142 ° 13'	56"			Metric Conver	sion Fact	or:			
					0 11:		Pos	ition NAD 27 🔲	NAD 83 🗓	Elev.(feet)
					Geodetic Data	Latitud	е	32°40′35.74096″N		576.319
						Longitu	ıde	97°03'18.67402 "W		
Description of Points:					Field Sketch:					
FROM THE INTE	RSECTION OF E	BARDIN ROAD AND	THE NORTH	BOUND	NORTH					
FRONTAGE ROA	D OF STATE HI	GHWAY 360 GO N	ORTH ALONG	FRONTAGE	NORTH N.T.S.					
ROAD, WHICH	TURNS EAST AN	ND BECOMES THE I	EASTBOUND					T. D. III D. I	4	
FRONTAGE ROA	D FOR INTERST	TATE HIGHWAY 20	, 0.4 MILES	TO THE			_	To Bardin Road 0.4 Miles	Mer.	
STATION ON TH	IE RIGHT. THE	STATION IS 35.5 F	EET SOUTH	OF THE				EASTBOUND I.H. 20	00 m Vater 1,	
CENTERLINE OF	THE EASTBOU	ND FRONTAGE ROA	D, 9.5 FEET	EAST					9/10/00	
NORTHEAST OF	A POWER POL	E WITH A T.H.D. M	ONUMENT 1.	5 FEET					Eastbound Fronto	ge_Road
NORTH OF SAID) POLF. 44 FFF	T NORTHEAST OF	A GUY WIRF	ANCHOR						
		THE NORTH LEG (35.5'		
71110 00 12211	10111111201 01	THE HORITI LEG V	, I BILLDO	1113 010111				OHED	on al	
								9.5 Na	98.0'	
								<u>u</u> i	83 Grid Az Tower -	Billboard
									98.0' Of College College College Little Lit	ı
								Guy	X**	

			CITY O	F ARLINGTON	GPS DATA SI	HEET				
Station Name: GP20	Date:	2/90			Adjı	ısted Horizontal Control D	ata			
Monument Type: GPS TOP SECU	RITY ROD MON	UMENT			Horizontal Ord	er: SEC	OND	Survey Method:	GPS [X] TRAV [OTHER
City: ARLINGTON	County:	TARRANT		State: TX	Combined Sca	le Factor:	•	0.999896451		
Surveyor: McGUINNESS Project Name:	'				NAD 27 Grid Data		(۱	Coordinates J.S.Survey Feet)	Plane Azimuth (Convergence)	Angle
Distances & Directions To	Prominent & F	Pafaranca Marks			State: TEXAS		Χ			
Reference Point	Direc		Distanc	ce (feet)	Zone: NORTH Code: 4202	CENTRAL	Y			
Notoronoo i onic	The second visit of the se			(1001)				O I' I	DI A-:	AI -
					NAD 83 Grid Data		(۱	Coordinates J.S.Survey Feet)	Plane Azimuth (Convergenc	
					State: TEXAS		· `	6,924,198.742	, ,	,
Azimuth Mark	Azin	auth	Die	stance	Zone: NORTH (CENTRAL	_		00 ° 47' 02.14	45 "
TOP RED LIGHT WBAP RADIO TOWER	131° 39		DI	otulice	Code: 4202 Metric Convers	sion Fast		2,410,849.838		
TOT INCO CIOTTI II DAT INADIO TO IICI	101 0.	J ZT			Metric Convers	T TUCK				T = (c)
					Geodetic	1 -11	Positio		NAD 83 🗓	Elev.(feet)
					Data	Latitude Longitu		32 ° 39' 17.38976 N 97 ° 03' 45.49572 W		564.583
					F: 11 01 1 1	Longitu	uc	37 UJ 4J.43J7Z W		
Description of Points:					Field Sketch:					
FROM THE INTERSECTION SOUTH ALONG STATE H MILES TO THE INTERSECT THEN TURN RIGHT ON H STATION ON THE RIGHT OF WATSON ROAD, 29.9 DRIVE, 10.0 FEET NORT CURB DRAINAGE INLET, THE SOUTH COLUMN OF 30.6 FEET SOUTH EAST NORTH OF SAID ENTRAI	IGHWAY 360 W CTION OF WATS HAVENWOOD DR STATION IS 1. FEET NORTH HEAST OF THE 12.1 FEET EAS THE ENTRANC	HICH BECOMES W. ON ROAD AND HA IVE GO WEST 135 35.8 FEET WEST (OF THE CENTERLI NORTHEAST CORN T OF THE SOUTHE IE WALL TO WEBB HEAST CORNER O	ATSON ROAL VENWOOD [.8 FEET TO DE THE CEN NE OF HAVE JER OF A 1 EAST CORNE BRITTON E	D, 1.5 DRIVE, THE ITERLINE ENWOOD O FOOT ER FOR STATES, D COLUMN	——————————————————————————————————————	OHED OHED	To Radio 1000 1000 1000 1000 1000 1000 1000 10	10' Inlet 10' Inlet HAVENWORTH DRIVE WATSON ROAD	Entrance Wall To Webb Britton Estates L 2 365 TO I.H. 20 1.5 Miles +/-	

		CITY OF ARLINGTON	GPS DATA S	HEET				
Station Name: GP29		Date: 2/90			Adj	usted Horizontal Control Da	ita	
Monument Type: 5' LONG, 5/8 " I	RON ROD SET IN 3' CONCRETE		Horizontal Ord	er: SECC	ND	Survey Method:	GPS 🗓 TRAV 🗀	OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	le Factor:	0.99	99899648		
Surveyor: McGUINNESS		·	NAD 27 Grid Data		(Coordinates U.S.Survey Feet)	Plane Azimuth (Convergence)	Angle
Project Name:			State: TEXAS		· · · · · ·	0.3.301 vey 1 eet/	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH	CENTRAL	Χ			
Reference Point	Direction	Distance (feet)	Code: 4202		Υ			
			NAD 83 Grid Data		(Coordinates U.S.Survey Feet)	Plane Azimuth (Convergence	
			State: TEXAS			5,914,711.570	(our ver gent	00)
1 1 11 1	A * 11	D: 1	Zone: NORTH	CENTRAL			00-° 46'-15.3	370"
Azimuth Mark	Azimuth 268° 00' 00"	Distance	Code: 4202			2,403,645.166		
COA WATER TOWER	208 00 00		Metric Convers	sion Facto	r:			
			Geodetic		Positio		NAD 83	Elev.(feet)
			Data	Latitude		32° 37'-44.48412" N		591.43
				Longitud	е	97-° 05'-11.25920" W		
Description of Points:			Field Sketch:					
	RSECTION OF ARLINGTON-WEBB R B ROAD GO SOUTHWEST ALONG					No Hingen May 12. 368 On Care		
	S TO THE STATION ON THE RIGH		NOPTH			To Motor	TO ARLINGTON— 0.75	
	HWEST OF THE CENTERLINE OF N		W.Y.S.			212.0'	82.5'	
ROAD, 82.5 FEE	T WEST OF A POWER POLE, 212.	O FEET NORTHEAST						
OF THE NORTHW	EST CORNER OF A HOUSE AT AI	DDRESS # 1422		 		.0	///	//
MANSFIELD-WEB	B ROAD AND 1000 FEET SOUTHV	EST OF THE	,		M.A	ANSFIELD-WEBB ROAD	, I	
INTERSECTION W	ITH GRINDSTONE COURT			<u> </u>		€/Ł ⊥		
				,		,		,
				<u> </u>		OHED //	// · · · · · ///	<u>′</u>
						T/	O CONDICTONE COURT	
			ONE STORY WHI	TF		_1(O GRINDSTONE COURT_ 1000' +/-	
			FRAME HOUSE					

		CITY OF	F ARLINGTON	GPS DATA S	HEET					
Station Name: TR23		Date:	3-30-91			Ad	justed Horizontal Control Do	ıta		
Monument Type: CONCRETE POST V	V/ DISK			Horizontal Ord	ler: THIR()	Survey Method:	GPS [X] TRAV [OTHER	
City: ARLINGTON	County: TARRANT		State: TX	Combined Sca	le Factor:	0.9	99883337			
Surveyor: GREENEHORN				NAD 27 Grid Data			Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
Project Name:							(0.3.3u) vey Teet)	(Convergence)		
Distances & Directions To	Prominent & Reference Marks			State: TEXAS Zone: NORTH		χ				
Reference Point	Direction	Distanc	e (feet)	Code: 4202		Υ				
				NAD 83 Grid Data			Coordinates (U.S.Survey Feet)	Plane Azimuth (Convergen	Angle ce)	
				State: TEXAS		N	6,971,636.610		,	
Azimuth Mark	Azimuth Distance		stance	Zone: NORTH Code: 4202	CENTRAL	F	2,400,055.028	00°- 45' - 57.329	"	
NONE				Metric Convers	sion Facto		2,100,000.020			
				0 11:		Posit	ion NAD 27 🔲	NAD 83 🗓	Elev.(feet)	
				Geodetic Data	Latitude				476.135	
					Longitud	е				
Description of Points:				Field Sketch:						
IN TARRANT CO	DUNTY WITHIN THE ARLINGTON C	ITY LIMITS.		Jak to the text of						
TO GET TO THE	MONUMENT FROM THE INTERSE	CTION OF IN	TERSTATE	TO MANY		/				
HICHWAY # 30	AND FM-157 (COLLINS STREET	·) PROCEE	_D	100	/ / / .	ivet			* CHABIRET	
	LINS STREET 1.7 MILES TO MON	*							\$ HWB/K	
				Tini	14/				12,	
SIDE OF THE K	OAD APPROXIMATELY 20 FEET S	SOUTH OF TH	Ĺ			()	100 m	RM-1 Corner End of Walk	*	
BRIDGE CROSSI	NG THE TRINITY RIVER .			RM	-3					
				Corner	of Bridge			a Carrie		
				Guard '	Wall		Class and a start	50× \\		
							THE WAY SEED	(MS 23		
								B		
						TIL	RIST	RM-2		
				NORTH				P.K. and Shiner in Pole		
					N.	T.S.		With Tran		

	CITY OF ARLINGTON	N GPS DATA SHEET					
Station Name: TR 24		Date: 3/30/91	Adjusted Horizontal Control Data				
Monument Type: CONCRETE POST	W/ DISK		Horizontal Order: THIRD Survey Method: GPS 🕮 TRAV 🗀 OTHER				OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	: 0.99988264	44		
Surveyor: GREENEHORN		·	NAD 27	Coor	rdina <u>t</u> es ,	Plane Azimuth ,	Angle
Project Name:			Grid Data	,	vey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X			
Reference Point	Direction	Distance (feet)	Code: 4202	Υ			
			NAD 83 Grid Data	Coor (U.S.Surv	rdinates vey Feet)	Plane Azimuth . (Convergenc	Angle :e)
			State: TEXAS	N 6,974,79		, ,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2,398,69	93.381	00° 45'-48.899"	
NONE			Metric Conversion Fact				
				Position	NAD 27	NAD 83 🗆	Elev.(feet)
			Geodetic Latitud Data Longitu				466.527
			Field Sketch:				
Description of Points:							LANDELL
	UNTY WITHIN THE ARLINGTON CITY		RM-3	-	3 1/2' CHAIN LINK FF	ENCE	LANDFILL
	MONUMENT, FROM THE INTERSECT		1 1/2" PIPE FENCI POST (SLIGHT P.I.	(.)	31/200		
	HWAY # 30 AND FM-157 (COLLINS			ø ≥/			
	H ON COLLINS STREET 2.4 MILES T				MONUMENT # TRFS-	24	
	IDE OF THE ROAD (APPROXIMATEL)	Y 50 FEET			WONOWENT # IN 3	21	
WEST OF ROAD)			/		AST.		
				S 25 E		SOLINE STEEL	
			RM-1	58.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	WIME 2	
			FIBER OPTIC TELEPHONE CABLE WARNING SIGN			COL	
			WARNING SIGN		*//	AM	OR 71.
				_	\$/\/	N.7.	
				JOMEN 9,	,		7
				TO MONUMENT 3444.29'	PETI WAR	ROLEUM PIPELINE INING SIGN	
				A	MONUMENT # TRFS	<u>-2</u> 3	

	CITY OF ARLINGTON GPS DATA SHEET						
Station Name: TR 27		Date: 3/30/91	Adjusted Horizontal Control Data				
Monument Type: CONCRETE POST	W/ DISK		Horizontal Order: THIRD Survey Method: GPS 🕮 TRAV 🗀 OTHER				
City: FORT WORTH	County: TARRANT	State: TX	Combined Scale Factor	: 0.999888368			
Surveyor: GREENEHORN		·	NAD 27	Coordinates	Plane Azimuth Angle		
Project Name:			Grid Data	(U.S.Survey Feet)	(Convergence)		
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X			
Reference Point	Direction	Distance (feet)	Code: 4202	Υ			
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6,950,641.980	, , ,		
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2,365,774.432	00° 42'-16.674"		
NONE			Metric Conversion Fact				
				Position NAD 27	NAD 83 🔲 Elev.(feet)		
			Geodetic Data Latitud	e	582.652		
			Longitu				
Description of Points:			Field Sketch:				
TO GET TO THE INTERSTATE HIGH AND ROSEDALE	UNTY WITHIN THE FORT WORTH CIT MONUMENT, FROM THE INTERSECT HWAY # 820 (EAST LOOP 820 SC STREET, PROCEED EAST ON ROSEC MONUMENT ON THE LEFT, WITHIN T	TION OF DUTH) DALE STREET	OVERH JULIO	NAIL IN POLE NAIL IN POLE N	WEST Edge of Asobalt MONUMENT # TRFS-27		

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: TR 28		Date: 3/30/91	Adjusted Horizontal Control Data					
Monument Type: CONCRETE POST	W/ DISK		Horizontal Order: THIRD Survey Method: GPS 🖾 TRAV 🗀 OTHER					
City: FORT WORTH	County: TARRANT	State: TX	Combined Scale Factor	r: 0.999888208				
Surveyor: GREENEHORN		·	NAD 27	Coordinates Plane Azimuth Angle				
Project Name:			Grid Data	(U.S.Survey Feet) (Convergence)				
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X				
Reference Point	Direction	Distance (feet)	Code: 4202	Υ				
			NAD 83 Grid Data	Coordinates Plane Azimuth Angle (U.S.Survey Feet) (Convergence)				
			State: TEXAS	N 6,951,204.210				
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	00° 41′-57.588″ E 2,362,788.279				
NONE			Metric Conversion Fact					
			Geodetic Data Latitud Longitu	I 585 454				
Description of Points:			Field Sketch:					
TO GET TO THE INTERSTATE HIG AND ROSEDALE	OUNTY WITHIN THE FORT WORTH CI MONUMENT, FROM THE INTERSEC CHWAY # 820 (EAST LOOP 820 S STREET, PROCEED EAST ON ROSE UILES TO A MONUMENT ON THE LEI DIAN.	TION OF OUTH) DALE	RM-2 ONE WAY SIGN POS MONUMENT # TRFS-28 T.V. ELEC. FT. W. TRANSMISSION	ROSEDALE RM-1 P.C. Median Curb S 65 ° E 27.10' RM-3 P.K. NAIL IN POWER POLE ROSEDALE RM-3 P.K. NAIL IN POWER POLE				

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: TX 01		Date: April 96		Adjusted Horizontal Control Do	nta			
Monument Type: Aluminum Disk			Horizontal Order: Second Survey Method: GPS		GPS 🖾 TRAV 🗀	OTHER		
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	7				
			NAD 27	Coordinates	Plane Azimuth	Angle		
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	(U.S.Survey Feet)	(Convergence)			
Distances & Directions To	Prominent & Reference Marks		State: TEXAS Zone: NORTH CENTRAL	X				
Reference Point	Direction	Distance (feet)	Code: 4202	Υ				
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth . (Convergence			
			State: TEXAS	N 6971636.6100	, ,			
Azimuth Mark	Azimuth	 Distance	Zone: NORTH CENTRAL Code: 4202	E 2399167.4958	0° 45' 50.87	13"		
AR 77	92° 32' 00"	7087.332'	Metric Conversion Fact		333333			
				Position NAD 27	NAD 83 🗓	Elev.(feet)		
			Geodetic Latitud	e 32° 45' 36.898016"	North			
			Longitude 97° 05' 56.179818"		West	612.19gps		
Description of Points:			Field Sketch:					
Aluminum disk located on the Monument is 500' west of v	ne north side of Interstate 30 west edge of southbound N. Col chain link fence around Highway	ins dept	brass disk w/	sign post TX 01 500' 500'	North Collins (TX 157)	-N-		
			110000					
			Eastbound I-30					
\ \	Mapsco 69-X							

		CITY OF ARLINGTON	GPS DATA SHEE	ĒΤ				
Station Name: TX 02		Date:	Adjusted Horizontal Control Data					
Monument Type:		_ I	Horizontal Order: Second		Survey Method:	GPS 🖾 TRAV 🗀	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fo	actor:				
Droing Name CITY OF ADUNCTON	CDC NETWODY	,	NAD 27 Grid Data	(U.S	Coordinates S.Survey Feet)	Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON			State: TEXAS	X ,	, ,	(carring and a		
		Zone: NORTH CENT	TRAL					
Reference Point	Direction	Distance (feet)	Code: 4202	Υ				
			NAD 83 Grid Data	(U.S	Coordinates S.Survey Feet)	Plane Azimuth (Convergence	Angle ce)	
			State: TEXAS	N		, ,	,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENT Code: 4202	TRAL E				
			Metric Conversion		3.28083			
	1	1		Position	NAD 27	NAD 83 [X]	Elev.(feet)	
			Geodetic La	titude	111.0 27	North	2.011(1001)	
		,		ngitude		West		
Description of Points:			Field Sketch:					
Description of Points:								

		CITY OF ARLINGTON	GPS DATA SHEET				
Station Name: TX 03		Date: April 96	Adjusted Horizontal Control Data				
Monument Type: SDHPT Brass Disk			Horizontal Order: Secon	GPS 🗓 TRAV 🗆 OTHER 🗆			
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor	0.999899834492			
		1	NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
Project Name: CITY OF ARLINGTON	GPS NETWORK		State: TEXAS	X 349658.5119	(Convergence)		
Distances & Directions To	Prominent & Reference Marks		Zone: NORTH CENTRAL	A 343030.3113	0° 09' 47.6926"		
Reference Point	Direction	Distance (feet)	Code: 4202	Y 2092149.5521	0 03 17.0320		
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS	N 6913727.1659			
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2368403.9864	0° 42' 30.5476"		
AR 63	139° 31′ 47″	2341.002'	Metric Conversion Factor		333333		
				Position NAD 27	NAD 83 🗓 Elev.(feet)		
			i Dutu i	e 32° 37′ 39.245839"	North 694.089'		
			Longitu	de 97° 12' 03.480434"	West 094.009		
Description of Points:			Field Sketch:				
Description of Points: State Department of Highways and Public Transportation Brass disk Located on the northeast side of Mansfield Highway. From 820 and Mansfield Highway, go southeast 3.5 miles, to Arlington's City Limit and monument on left. Monument is 45' northeast of the centerline of pavement, 16' northwest of a power pole. Station is witnessed by sign post located 3' south of monument.				TX 03 45' to			
	Mapsco 108-L				— Arlington City Limit Sign		

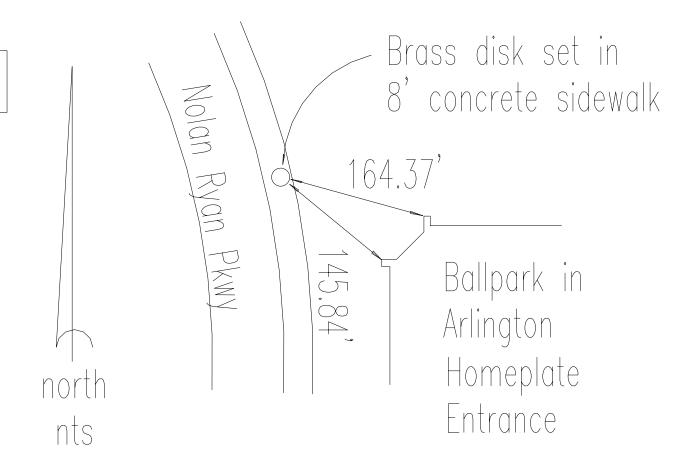
	CITY OF ARLINGTO								
Station Name: TX 03		Date:	Adjusted Horizontal Control Data						
Monument Type:			Horizontal Orde	Horizontal Order: Second		Survey Method:	GPS 🗓 TRAV 🗆	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	e Factor:					
D I N. OLTV OF ADUMATAN	ADO NETWODY		NAD 27 Grid Data		(U.S	Coordinates Survey Feet)	Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON			State: TEXAS		χ	04110710017	(convergence)		
Distances & Directions To Prominent & Reference Marks			Zone: NORTH C	ENTRAL	,,				
Reference Point	Direction	Distance (feet)	Code: 4202		Υ				
			NAD 83 Grid Data		(U.S.	Coordinates Survey Feet)	Plane Azimuth (Converger	Angle	
			State: TEXAS		N	<i>J</i> /	(2 23.72. 92.		
A . 11 M . 1	A . 11	D' 1	Zone: NORTH CI	ENTRAL					
Azimuth Mark	Azimuth	Distance	Code: 4202		E	7.0000	777777		
			Metric Conversi	ion Facto	or:	3.2808	33333333		
			Geodetic		Position	NAD 27	NAD 83 🗓	Elev.(feet)	
			Data	Latitude			North		
		/		Longitu	de		West		
Description of Points:		\sim	Field Sketch:						
Description of Points.									
				\\					

		CITY OF ARLINGTON	GPS DATA SI	HEET					
Station Name: WBAP Radio Towe	er at Cedar Hill		Adjusted Horizontal Control Data						
Monument Type: Backsight only			Order: FIRST			Survey Method:	GPS 🗓 TRAV 🗀	OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Sca	e Factor		,			
		,	NAD 27 Grid Data				Plane Azimuth (Convergence)	Angle	
Project Name: CITY OF ARLINGTON (GPS NETWORK			State:			(Convergence)		
Distances & Directions To	Prominent & Reference Marks		Zone:		X				
Reference Point	Direction	Distance (feet)	Code:		Υ				
			NAD 83 Grid Data			Coordinates Survey Feet)	Plane Azimuth Angle (Convergence)		
			State: TEXAS		N 6,90	0,316.504	, ,	,	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL			7,695.744			
			Metric Convers	sion Fact		3.28083			
		1			Position	NAD 27	NAD 83 [X]	Elev.(feet)	
			Geodetic Data	Latitud		35' 17.34134"	North		
			Bata	Longitu	de 96°.	58' 35.55406"	West		
Description of Points:			Field Sketch:						
Tower is located 1 mile we	est of Cedar Hill in a grou	p of			Rec poi	l light is			
transmitting towers. The t	ower is triangular in shape	with three							
antennae at the top. The	tower is painted red and v	white.							
The tower is 1,521 feet in	height. The red light at th	ne top of tower	+		1			'‡ ı	
was sighted. From Arlington	n, the tower is the tallest	one at Cedar				WRAP Radio Tower			
Hill, and is the third one for	rom the right (west). Sixth	from left (east)		$\backslash \& /$				+	
,		(111-)					proportion		
						Ø A A	g g g		
						≥			
							is drawn out		
							Tower is		
DALLAS COL	JNTY MAPSCO 81-G +/-						KXI —		
Brillio Ook					Flevati	on view from Arling	ton (General)		
					LICVULI	on view ironi Anning	ton (beneful)		

		CITY OF ARLINGTON	GPS DATA SHEET					
Station Name: H-98		Date: April 96	Adjusted Horizontal Control Data					
Monument Type: U.S.C.&G.S. Bench	nmark disk		Horizontal Order: Second Survey Method: GPS 🕮 TRAV 🗀 OTHER 🗀					
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Factor:					
			NAD 27 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)					
Project Name: CITY OF ARLINGTON	I GPS NETWORK		State: TEXAS X 2118081.4766					
Distances & Directions T	o Prominent & Reference Marks		Zone: NORTH CENTRAL 0° 12' 34.0098"					
Reference Point	Direction	Distance (feet)	Code: 4202 Y 389759.6555					
			NAD 83 Coordinates Plane Azimuth Angle Grid Data (U.S.Survey Feet) (Convergence)					
			State: TEXAS N 6954072.8368					
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL 0° 45' 16.8679"					
AR 35	91° 06' 01"	3309.253'	Code: 4202 E 2393953.0385 Metric Conversion Factor: 3.28083333333					
South side of Union Page	s stamped "H-98 1951" set in signific railroad between Cooper f south rail and 505.9' west of		Geodetic Data Position NAD 27					
Ma	psco 82-H							

		CITY OF ARLINGTON	GPS DATA SHEET			
Station Name: L 98		Date: April 96		Adjusted Horizontal Con	trol Data	
Monument Type: U.S.C.& G. S. Be	nchmark disk		Horizontal Order: Second Survey Method:		d: GPS 🛛 TRAV 🗌 OTHER 🔲	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Facto	Combined Scale Factor: 0.999887621971		
			NAD 27 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
Project Name: CITY OF ARLINGTON	I GPS NETWORK		State: TEXAS	X 2124019.6458	(Convergence)	
Distances & Directions T	o Prominent & Reference Marks		Zone: NORTH CENTRAL	A 2124013.0430	0° 13' 11.9218"	
Reference Point	Direction	Distance (feet)	Code: 4202	Y 389524.1864	0 10 1110210	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS	N 6953894.0560	(consequence)	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202	E 2399892.9898	0° 45' 54.7796"	
AR 35	272° 30′ 27″	2633.830'	Metric Conversion Facto		28083333333	
Disk is set in the nort	Benchmark disk stamped L 98 hwest corner of a concrete slab h rail of the Union Pacific Railro e centerline of Collins.	,	Geodetic Latitude	e 32° 44' 12.677237" de 97° 05' 49.03891"	North West North West DIVISION STREET PACIFIC RAILROAD TO PACIFIC RAILROAD TO PACIFIC RAILROAD	
	Mapsco 83-F			EAST	ABRAM STREET	

Azimuth mark location



	CITY OF ARLINGT						
Station Name: BROWNNING		Date: Feb 96		Adjuste	ed Horizontal Control Da	ta	
Monument Type: USC&GS Triangula	ation disk set in concrete		Horizontal Order: Second Survey Method: GPS 🔀 TRAV 🔲 0			OTHER	
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale Fo	actor: 0.9998	37680669		
			NAD 27	/11.0	Coordinates .	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data	,	.Survey Feet)	(Convergence)	
Distances & Directions To	o Prominent & Reference Marks		State: TEXAS Zone: NORTH CEN	X 21055	041.9972	0° 11' 13.9285"	
Reference Point	Direction	Distance (feet)	Code: 4202		34.8339	0 11 15.520	
			NAD 83 Grid Data	(U.S	Coordinates .Survey Feet)	Plane Azimuth ((Convergence	
			State: TEXAS	N 6953		0° 43' 56.7854"	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENT Code: 4202	TRAL E 23814	119.2256		
AR 82	252° 14' 31"	7715.431'	Metric Conversion		3.28083	333333	
) Dulu	Position atitude 32° 44' ongitude 97° 0'		NAD 83 X North West	Elev.(feet) 571.00'
Description of Points:			Field Sketch:				
Located on the north si south lawn of Arlington Office. Baptist College is Monument is 125' west	sk stamped "BROWNNING 1947" de of Division (US 180) on the Baptist College Administrative 0.1 miles west of Crowley Roa of paved entrance to Baptist Co enterline of westbound lanes of	ollege		Brownning 81'		(US 180)	
Me	apsco 81-M						

		CITY OF ARLINGTON	GPS DATA SHE	EET				
Station Name: CT 1			Adjusted Horizontal Control Data					
	for backsight purposes		Order: FIRST Survey Method: GPS 🛛 TRAV 🗌 OTHER 🗀					OTHER
City: ARLINGTON	County: TARRANT	State: TX	Combined Scale	Factor:		-		
	·	·	NAD 27		(11.0	Coordinates .	Plane Azimuth	Angle
Project Name: CITY OF ARLINGTON	GPS NETWORK		Grid Data			Survey Feet)	(Convergence)	
Distances & Directions To	Prominent & Reference Marks		State: Zone:		Χ			
Reference Point	Direction	Distance (feet)	Code:		Υ			
			NAD 83		(11.0	Coordinates	Plane_Azimuth	Aṇgle
			Grid Data			Survey Feet)	(Convergence	ce)
			State: TEXAS Zone: NORTH CE	NITRAI	N 6914	526.715		
Azimuth Mark	Azimuth	Distance	Code: 4202		E 237	7252.075		
			Metric Conversio	n Facto	r:	3.28083	333333	
			0 11:		Position	NAD 27	NAD 83 🗓	Elev.(feet)
			Geodetic Latitu				North	
				Longitud	е		West	
Description of Points:			Field Sketch:					
				"KU	BALA"	Water		i
Cellular tower located	just south of the "KUBA	ALA"				ent Plant		
Water Treatment Plant.	. The tower is in a TES	CO		\				
right-of-way on the e	east side of US 287.					,		Y
				\bigcap	_			-N-
				,			OT 4	1
Tower is to be used fo	or backsiaht only.			\\	~\ -		CT 1	
	y y			/(//\			↓ nts
							\\ \lambda \ \lambda	11(5
Sight is flashing red lig	gnt at top of tower.				λ		Cur	
					$^{\prime}$			
				(Q)			$\left \frac{1}{q_0} \right $	
				2/			Russell	
							\ \vec{\z}	
	MAPSCO 109-K						A	
						\	1	

CITY OF ARLINGTON GPS DATA SHEET						
Station Name: D 183 Date		Date: Feb 96	Adjusted Horizontal Control Da		nta	
Monument Type: U.S.C.&G.S. Benchmark disk			Horizontal Order: Seco	Second Survey Method: GPS X TRAV OTHER D		OTHER
City: ARLINGTON County: TARRANT State: TX			Combined Scale Factor: 0.999887680669			
			NAD 27 Coordinates		Plane Azimuth \ Angle	
Project Name: CITY OF ARLINGTON GPS NETWORK			Grid Data (U.S.Survey Feet)		(Convergence)	
Distances & Directions To Prominent & Reference Marks			State: TEXAS Zone: NORTH CENTRAL	X 2113344.9731	0° 12' 03.6334"	
Reference Point	Direction	Distance (feet)	Code: 4202 Y 383882.8782		0 12 00.0004	
			NAD 83 Grid Data	Coordinates (U.S.Survey Feet)	Plane Azimuth Angle (Convergence)	
			State: TEXAS N 6948151.3686		(convergence)	
Azimuth Mark	Azimuth	Distance	Zone: NORTH CENTRAL Code: 4202			11"
AR 72	355° 45' 42"	1415.146	Metric Conversion Factor: 3.28083333333			
	1			Position NAD 27	NAD 83 🗓	Elev.(feet)
			Geodetic Latitud	e 32° 43′ 17.241692″	North	, ,
			Longitu	ude 97° 07′ 54.223274″	West	647.66
Description of Points:			Field Sketch:			
USC&GS Benchmark disk set in concrete, stamped "D183 1952" Located at the northeast corner of Fielder and Park Row monument is 47.68' north of north curb of Park Row and 38.10' east of east curb of Fielder.				GPO 38.10'	A D 407	- \ \
WITNESSED BY SIGN POST		_	PARK RO	D 183 USC&GS Benchmark 47.68'	k disk	
MAPSCO 82-P						